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**Software Engineering**

**Test Plan Document:**

**Iteration 3**

James Kirk

Taylor Paschal

Eileen Balci

*Ryan Ashe*
Radford University
*http://php.radford.edu/~softeng07/rep/home.php*
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# Introduction

## Iteration Overview

In this iteration, each web page in the system will still be tested for display and navigation links. Other tests include filling in forms, checking if notification emails are sent when the proper actions are taken, proper sorting of the repository and some white box testing to go along with these. Input to test these web pages is simply navigating to each page and assuring the view is as expected and the filling of forms, submitting of items, selecting of items are properly functioning and that correct data from the forms are added to the database and correctly displayed from the database. The admin functionality for assigning reviewers and approving or denying reports from the database is also getting implemented and tested. The implementation of notifications, such as, when an author submits a paper a notification email will be sent to the designated admin. From there, the admin will choose the reviewers to review the paper; this action will send notifications to those reviewers indicating they have a paper to review. When the reviewers are finished, a final notification will be sent to the admin who decides to approve or deny the paper, after the action of approving or denying the paper is taken, an email notification will be sent to the author with the final outcome. All of these will be tested by going through the normal actions an author, reviewer and admin would have to perform, the testers will check if emails are actually sent and sent to the correct personnel, and if the emails contain valid information. If time permits, the free from query will also be implemented this iteration and will be tested by writing out SQL queries in the text area and submitting it expecting a certain result set from the query or an error message if the query is invalid. While the web interface is currently in its third version, all other components of this iteration are in its first version. Environments that will be tested upon include Windows and Mac. Internet browsers that will be tested include Internet Explorer, Firefox, Google Chrome, and Safari.

## Definitions and Abbreviations

|  |  |
| --- | --- |
| **Term** | **Definition** |
| *Test #* | Test Case Number / Identifier |
| *Requirement* | Requirement that the test cases are validating (number / identifier) |
| *Action* | Action to perform or input to produce |
| *Expected Result* | Result expected when action is complete |
| *Actual Result* | What was actually seen |
| *P / F* | Pass / Fail indicator. Checkmark = Pass. “F” = Fail |
| *Notes* | Additional notes, error messages, or other information about the test. |
| *IE* | Internet Explorer 8 |
| *FF* | Firefox 3.5.5 |
| *SF* | Safari 4.0.2 |
| *GC* | Google Chrome 4.0.239 |

## References

User Stories Document, Team Crash Course

Release Planning Document, Team Crash Course

## Items Not Covered by These Test Cases

SQL injection attacks will not be tested this iteration; security will be implemented in the next iteration if time permits, as well as other security issues dealing with pattern matching in form fields etc.

## Bug Tracking

Bugs found in testing for this phase will be logged in a Microsoft Excel Spreadsheet. This spreadsheet will contain the bug number,

name of the user story to which the bug applies, status to elaborate on the exact problem, the name of the developer to fix the bug,

and whether or not the bug has been resolved.

## Quality Control

The quality of the testing process will be maintained by having a rigorous and complete test plan. The test plan will consist of a large number of test cases to verify that all implemented functionality for this phase operates correctly. Any system functionality that does not pass its respective test cases will be fixed and re-tested. These cases will be based upon a scale used to rate the performance of that system for each test case.

## Adequacy Criterion

Testing the system for this phase will be complete when all test cases meet the minimum requirement for tests to pass. If the system fails a test, the system will be edited to correct the problem. If a part of the system does not pass a test at the end of the phase, that part will be corrected at the beginning of the next phase. A numeric standard will be used to control the testing process and rate how successful the system is for each test case. The system fails the test case if it has a value less than 80. The standard is as follows:

|  |  |
| --- | --- |
| **Test Rating** | **Rating Requirements** |
| 100 | No errors on any platform/browser; Displays Properly; Linked Properly, Perfect Database storage/retrieval  |
| 80 | No errors on one platform/browser, non-fatal errors on others; Displays Properly; Linked Properly |
| 60 | Non-fatal errors; Displays Properly; Not Linked Properly, Limited Database storage/retrieval |
| 50 | Non-fatal errors; Does not display properly on any platform/browser, Database doesn’t store/retrieve |
| 0 | Fatal errors; Does not meet requirements specified in scope |

# Test Strategy

## Testing Process

All functional requirements will be tested individually. The specific features on each web page will be tested to ensure that each feature loads properly and performs its function. The features of the login will be tested to ensure that each user role will be recognized correctly, and that any invalid users will not be allowed access to the system. The non-functional requirements of this phase solely rely on web page layout. These requirements will be tested to ensure that the web pages match the design of the system that was agreed upon prior to development. The testing for this phase is primarily top-level testing with few in-depth checks regarding the login and time-out features. Also will be some checks on the notification functionality and results from filling a form’s results to and from the database. There will also be white box testing this iteration. This phase is developing the first version of the system; therefore, integration of this phase into another version will not be necessary.

## Technology

None.

# Test Cases

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test #** | **User Story** | **Action / Input** | **Expected Result** | **Actual Result** | **P/F** | **Notes** | **Date test performed** | **Tester** |
| 1.a | Admin Assignment of Reviewers | Click on valid link | Reviewer selection page loads correctly |  |  |  |  |  |
| 1.b | Admin Assignment of Reviewers | Click on valid link | Directed to incorrect page |  |  |  |  |  |
| 1.c | Admin Assignment of Reviewers | Click on valid link | 403 – forbidden |  |  |  |  |  |
| 1.d | Admin Assignment of Reviewers | Click on valid link | 500 – internal server error |  |  |  |  |  |
| 1.e | Admin Assignment of Reviewers | Click on valid link | Directed to login page |  |  |  |  |  |
| 1.f | Admin Assignment of Reviewers | Click on valid link | Internet connection lost – diagnose connection |  |  |  |  |  |
| 1.g | Admin Assignment of Reviewers | Click on valid link | Header photo does not load. |  |  |  |  |  |
| 1.h | Admin Assignment of Reviewers | Click on valid link | Menu does not load |  |  |  |  |  |
| 1.i | Admin Assignment of Reviewers | Click on valid link | Tables do not display properly |  |  |  |  |  |
| 1.j | Admin Assignment of Reviewers | Click on valid link | Links are dead |  |  |  |  |  |
| 1.k | Admin Assignment of Reviewers | Click on valid link | Links lead to incorrect pages |  |  |  |  |  |
| 1.l | Admin Assignment of Reviewers | Click on valid link | Form fields do not load |  |  |  |  |  |
| 1.m | Admin Assignment of Reviewers | Click on valid link | Form fields display improper information |  |  |  |  |  |
| 1.n | Admin Assignment of Reviewers | Click on valid link | Footer does not display properly |  |  |  |  |  |
| 1.o | Admin Assignment of Reviewers | Click on invalid link | 404 error – page not found |  |  |  |  |  |
| 1.p | Admin Assignment of Reviewers | Click on invalid link | Dead link – does not lead anywhere |  |  |  |  |  |
| 2.a | Admin Select Reviewers | Select checkbox | Checkbox is selected |  |  |  |  |  |
| 2.b | Admin Select Reviewers | Select checkbox | Checkbox is not selected |  |  |  |  |  |
| 2.c | Admin Select Reviewers | Select two checkboxes | Both checkboxes are selected |  |  |  |  |  |
| 2.d | Admin Select Reviewers | Select two checkboxes | Neither checkboxes are selected |  |  |  |  |  |
| 2.e | Admin Select Reviewers | Select two checkboxes | Only one checkbox is selected |  |  |  |  |  |
| 2.f | Admin Select Reviewers | Select three checkboxes | All three checkboxes are selected |  |  |  |  |  |
| 2.g | Admin Select Reviewers | Select three checkboxes | Only two of the three checkboxes are selected |  |  |  |  |  |
| 2.h | Admin Select Reviewers | Select four checkboxes | User is alerted of maximum of three reviewers, only first three boxes are selected |  |  |  |  |  |
| 2.i | Admin Select Reviewers | Select four checkboxes | All four checkboxes are selected |  |  |  |  |  |
| 2.j | Admin Select Reviewers | Select a report from drop down menu | Drop down menu is not populated |  |  |  |  |  |
| 2.k | Admin Select Reviewers | Select a report from drop down menu | Menu allows multiple selection of reports |  |  |  |  |  |
| 2.l | Admin Select Reviewers | Select a report from drop down menu | Menu doesn’t highlight selected report |  |  |  |  |  |
| 2.m | Admin Select Reviewers | Select a report from drop down menu | Menu doesn’t allow selection of a report other than first in population |  |  |  |  |  |
| 2.n | Admin Select Reviewers | Select a report from drop down menu | Menu doesn’t allow for selection of any report |  |  |  |  |  |
| 2.o | Admin Select Reviewers | Select a report from drop down menu | Menu doesn’t drop down |  |  |  |  |  |
| 2.p | Admin Select Reviewers | Select a report from drop down menu | Menu displays incorrect data |  |  |  |  |  |
| 2.q | Admin Select Reviewers | Click on submit button | Alert user that too few reviewers are selected, data not submitted to database |  |  |  |  |  |
| 2.r | Admin Select Reviewers | Click on submit button | Alert user that too few reviewers are selected, data is submitted to database |  |  |  |  |  |
| 2.s | Admin Select Reviewers | Click on submit button | Data is stored properly and confirmation page loads correctly |  |  |  |  |  |
| 2.t | Admin Select Reviewers | Click on submit button | Directed to incorrect page |  |  |  |  |  |
| 2.u | Admin Select Reviewers | Click on submit button | 403 – forbidden |  |  |  |  |  |
| 2.v | Admin Select Reviewers | Click on submit button | 500 – internal server error |  |  |  |  |  |
| 2.w | Admin Select Reviewers | Click on submit button | Internet connection lost – diagnose connection |  |  |  |  |  |
| 2.x | Admin Select Reviewers | Click on submit button | Header photo does not load. |  |  |  |  |  |
| 2.y | Admin Select Reviewers | Click on submit button | Menu does not load |  |  |  |  |  |
| 2.z | Admin Select Reviewers | Click on submit button | Tables do not display properly |  |  |  |  |  |
| 2.aa | Admin Select Reviewers | Click on submit button | Links are dead |  |  |  |  |  |
| 2.bb | Admin Select Reviewers | Click on submit button | Links lead to incorrect pages |  |  |  |  |  |
| 2.cc | Admin Select Reviewers | Click on submit button | Footer does not display properly |  |  |  |  |  |
| 2.dd | Admin Select Reviewers | Click on submit button | 404 error – page not found |  |  |  |  |  |
| 2.ee | Admin Select Reviewers | Click on submit button | Partial data was stored properly, some data was lost |  |  |  |  |  |
| 3.a | Admin Assignment Restriction | Report is selected from drop down menu to select reviewers | Author of report is found on list of possible reviewers |  |  |  |  |  |
| 3.b | Admin Assignment Restriction | Report is selected from drop down menu to select reviewers | Author of report is not found on list of possible reviewers |  |  |  |  |  |
| 4.a | Author view only their Report | Author loads published repository | No papers other than those that have been approved are in the population |  |  |  |  |  |
| 4.b | Author view only their Report | Author loads published repository | Papers other than those that have been approved are in the population |  |  |  |  |  |
| 4.c | Author view only their Report | Author loads view report status page | No papers by other authors are in the view report status population |  |  |  |  |  |
| 4.d | Author view only their Report | Author loads view report status page | Papers by other authors are in the view report status population |  |  |  |  |  |
| 4.e | Author view only their Report | Author loads view published reports page | No papers by other authors are in the view published population |  |  |  |  |  |
| 4.f | Author view only their Report | Author loads view published reports page | Papers by other authors are in the view published population |  |  |  |  |  |
| 4.g | Author view only their Report | Author loads view all reports page | No papers by other authors are in the view all population |  |  |  |  |  |
| 4.h | Author view only their Report | Author loads view all reports page | Papers by other authors are in the view all population |  |  |  |  |  |
| 5.a | Reviewer Restriction | Reviewer loads page that holds the reports they are assigned to review | 403 – forbidden |  |  |  |  |  |
| 5.b | Reviewer Restriction | Reviewer loads page that holds the reports they are assigned to review | 500 – internal server error |  |  |  |  |  |
| 5.c | Reviewer Restriction | Reviewer loads page that holds the reports they are assigned to review | Internet connection lost – diagnose connection |  |  |  |  |  |
| 5.d | Reviewer Restriction | Reviewer loads page that holds the reports they are assigned to review | Header photo does not load. |  |  |  |  |  |
| 5.e | Reviewer Restriction | Reviewer loads page that holds the reports they are assigned to review | Menu does not load |  |  |  |  |  |
| 5.f | Reviewer Restriction | Reviewer loads page that holds the reports they are assigned to review | Tables do not display properly |  |  |  |  |  |
| 5.g | Reviewer Restriction | Reviewer loads page that holds the reports they are assigned to review | Links are dead |  |  |  |  |  |
| 5.h | Reviewer Restriction | Reviewer loads page that holds the reports they are assigned to review | Links lead to incorrect pages |  |  |  |  |  |
| 5.i | Reviewer Restriction | Reviewer loads page that holds the reports they are assigned to review | Footer does not display properly |  |  |  |  |  |
| 5.j | Reviewer Restriction | Reviewer loads page that holds the reports they are assigned to review | 404 error – page not found |  |  |  |  |  |
| 5.k | Reviewer Restriction | Reviewer loads page that holds the reports they are assigned to review | Reports they are assigned to review are shown |  |  |  |  |  |
| 5.l | Reviewer Restriction | Reviewer loads page that holds the reports they are assigned to review | Reports they are not assigned to review are shown |  |  |  |  |  |
| 5.m | Reviewer Restriction | Reviewer loads page that holds the reports they are assigned to review | Reports that are already approved are shown |  |  |  |  |  |
| 5.n | Reviewer Restriction | Reviewer loads page that holds the reports they are assigned to review | Reports that have yet to be assigned to review are shown |  |  |  |  |  |
| 5.o | Reviewer Restriction | Reviewer loads page that holds the reports they are assigned to review | Reports they are assigned to review are not shown |  |  |  |  |  |
| 6.a | Update Report Status (to under-review) | Change the status of the paper to “under-review” after reviewers are assigned by Admin | None of the updated reports show any kind of status |  |  |  |  |  |
| 6.b | Update Report Status (to under-review) | Change the status of the paper to “under-review” after reviewers are assigned by Admin | All reports get updated to “under-review” |  |  |  |  |  |
| 6.c | Update Report Status (to under-review) | Change the status of the paper to “under-review” after reviewers are assigned by Admin | All reports get updated to a status that is not “under-review”  |  |  |  |  |  |
| 6.d | Update Report Status (to under-review) | Change the status of the paper to “under-review” after reviewers are assigned by Admin | None of the report status’ update to “under-review”  |  |  |  |  |  |
| 6.e | Update Report Status (to under-review) | Change the status of the paper to “under-review” after reviewers are assigned by Admin | None of the report status’ get updated |  |  |  |  |  |
| 6.f | Update Report Status (to under-review) | Change the status of the paper to “under-review” after reviewers are assigned by Admin | Updated report’s status does not get changed to “under-review” |  |  |  |  |  |
| 6.g | Update Report Status (to under-review) | Change the status of the paper to “under-review” after reviewers are assigned by Admin | Updated report’s status does get changed to “under-review” |  |  |  |  |  |
| 6.h | Update Report Status (to under-review) | Change the status of the paper to “under-review” after reviewers are assigned by Admin | Updated report’s status gets changed to a status other than “under-review” |  |  |  |  |  |
| 7.a | Author Resubmit (Restrictions 3) | Authors can resubmit papers as long as they are NOT marked as “under-review” | It allows the author to resubmit a paper that is not “under-review” |  |  |  |  |  |
| 7.b | Author Resubmit (Restrictions 3) | Authors can resubmit papers as long as they are NOT marked as “under-review” | It allows the author to resubmit a paper that is “under-review” |  |  |  |  |  |
| 7.c | Author Resubmit (Restrictions 3) | Authors can resubmit papers as long as they are NOT marked as “under-review” | It allows the author to resubmit a paper that is not “under-review” but it isn’t added to the database |  |  |  |  |  |
| 7.d | Author Resubmit (Restrictions 3) | Authors can resubmit papers as long as they are NOT marked as “under-review” | It allows the author to resubmit a paper that is not “under-review” and it is added to the database |  |  |  |  |  |
| 7.e | Author Resubmit (Restrictions 3) | Authors can resubmit papers as long as they are NOT marked as “under-review” | It allows the author to resubmit a paper that is “under-review” and it is added to the database |  |  |  |  |  |
| 7.f | Author Resubmit (Restrictions 3) | Authors can resubmit papers as long as they are NOT marked as “under-review” | It allows the author to resubmit a paper that is “under-review” but it is not added to the database |  |  |  |  |  |
| 8.a | Author Withdraw/Resubmit (Restrictions 1) | Once a paper is marked as “under-review”, an author cannot withdraw or resubmit the paper unless the Admin allows for it. | The Author is able to resubmit the “under-review” paper without Admin approval |  |  |  |  |  |
| 8.b | Author Withdraw/Resubmit (Restrictions 1) | Once a paper is marked as “under-review”, an author cannot withdraw or resubmit the paper unless the Admin allows for it. | The Author is not able to resubmit the “under-review” paper without Admin approval |  |  |  |  |  |
| 8.c | Author Withdraw/Resubmit (Restrictions 1) | Once a paper is marked as “under-review”, an author cannot withdraw or resubmit the paper unless the Admin allows for it. | The Author is able to resubmit the “under-review” paper with Admin approval |  |  |  |  |  |
| 8.d | Author Withdraw/Resubmit (Restrictions 1) | Once a paper is marked as “under-review”, an author cannot withdraw or resubmit the paper unless the Admin allows for it. | The Author is not able to resubmit the “under-review” paper with Admin approval |  |  |  |  |  |
| 8.e | Author Withdraw/Resubmit (Restrictions 1) | Once a paper is marked as “under-review”, an author cannot withdraw or resubmit the paper unless the Admin allows for it. | The Author is able to withdraw the “under-review” paper without Admin approval |  |  |  |  |  |
| 8.f | Author Withdraw/Resubmit (Restrictions 1) | Once a paper is marked as “under-review”, an author cannot withdraw or resubmit the paper unless the Admin allows for it. | The Author is not able to withdraw the “under-review” paper without Admin approval |  |  |  |  |  |
| 8.g | Author Withdraw/Resubmit (Restrictions 1) | Once a paper is marked as “under-review”, an author cannot withdraw or resubmit the paper unless the Admin allows for it. | The Author is able to withdraw the “under-review” paper with Admin approval |  |  |  |  |  |
| 8.h | Author Withdraw/Resubmit (Restrictions 1) | Once a paper is marked as “under-review”, an author cannot withdraw or resubmit the paper unless the Admin allows for it. | The Author is not able to withdraw the “under-review” paper with Admin approval |  |  |  |  |  |
| 9.a | Status upon Denial | Upon a report’s denial, the status of denied will be stored in the record of submissions | The status does not change to denied for the report |  |  |  |  |  |
| 9.b | Status upon Denial | Upon a report’s denial, the status of denied will be stored in the record of submissions | The status is changed to denied for the report |  |  |  |  |  |
| 9.c | Status upon Denial | Upon a report’s denial, the status of denied will be stored in the record of submissions | The report gets stored in the repository (in Database) |  |  |  |  |  |
| 9.d | Status upon Denial | Upon a report’s denial, the status of denied will be stored in the record of submissions | The report does not get stored in the repository (in Database) |  |  |  |  |  |
| 9.e | Status upon Denial | Upon a report’s denial, the status of denied will be stored in the record of submissions | The report gets stored under submissions (in Database)  |  |  |  |  |  |
| 9.f | Status upon Denial | Upon a report’s denial, the status of denied will be stored in the record of submissions | The report does not get stored under submissions (in Database) |  |  |  |  |  |
| 9.g | Status upon Denial | Upon a report’s denial, the status of denied will be stored in the record of submissions | The reports status does not update in the database |  |  |  |  |  |
| 9.h | Status upon Denial | Upon a report’s denial, the status of denied will be stored in the record of submissions | The reports status does update in the database |  |  |  |  |  |
| 9.i | Status upon Denial | Upon a report’s denial, the status of denied will be stored in the record of submissions | The status is not visible/displayed at all on author’s submission page |  |  |  |  |  |
| 9.j | Status upon Denial | Upon a report’s denial, the status of denied will be stored in the record of submissions | The status is visible/displayed on author’s submission page |  |  |  |  |  |
| 9.k | Status upon Denial | Upon a report’s denial, the status of denied will be stored in the record of submissions | The status is not visible/displayed at all on repository page |  |  |  |  |  |
| 9.l | Status upon Denial | Upon a report’s denial, the status of denied will be stored in the record of submissions | The status is visible/displayed on repository page |  |  |  |  |  |
| 10.a | Status upon Approval | Upon a report’s approval, the status of approved will be stored in the record of submissions. | The status does not change to approved for the report |  |  |  |  |  |
| 10.b | Status upon Approval | Upon a report’s approval, the status of approved will be stored in the record of submissions. | The status is changed to approved for the report |  |  |  |  |  |
| 10.c | Status upon Approval | Upon a report’s approval, the status of approved will be stored in the record of submissions. | The report gets stored in the repository (in Database) |  |  |  |  |  |
| 10.d | Status upon Approval | Upon a report’s approval, the status of approved will be stored in the record of submissions. | The report does not get stored in the repository (in Database) |  |  |  |  |  |
| 10.e | Status upon Approval | Upon a report’s approval, the status of approved will be stored in the record of submissions. | The report gets stored under submissions (in Database) |  |  |  |  |  |
| 10.f | Status upon Approval | Upon a report’s approval, the status of approved will be stored in the record of submissions. | The report does not get stored under submissions (in Database) |  |  |  |  |  |
| 10.g | Status upon Approval | Upon a report’s approval, the status of approved will be stored in the record of submissions. | The reports status does not update in the database |  |  |  |  |  |
| 10.h | Status upon Approval | Upon a report’s approval, the status of approved will be stored in the record of submissions. | The reports status does update in the database |  |  |  |  |  |
| 10.i | Status upon Approval | Upon a report’s approval, the status of approved will be stored in the record of submissions. | The status is not visible/displayed at all on author’s submissions page |  |  |  |  |  |
| 10.j | Status upon Approval | Upon a report’s approval, the status of approved will be stored in the record of submissions. | The status is visible/displayed on author’s submission page |  |  |  |  |  |
| 10.k | Status upon Approval | Upon a report’s approval, the status of approved will be stored in the record of submissions. | The status is not visible/displayed at all on repository page |  |  |  |  |  |
| 10.l | Status upon Approval | Upon a report’s approval, the status of approved will be stored in the record of submissions. | The status is visible/displayed on repository page |  |  |  |  |  |
| 11.a | Remove Denied Report | If a report is denied, the file stored in the upload table in the database will be deleted | The report does not get deleted/removed from upload table in database |  |  |  |  |  |
| 11.b | Remove Denied Report | If a report is denied, the file stored in the upload table in the database will be deleted | The report does get deleted/removed from upload table in database |  |  |  |  |  |
| 11.c | Remove Denied Report | If a report is denied, the file stored in the upload table in the database will be deleted | The wrong report gets deleted/removed from upload table in database |  |  |  |  |  |
| 11.d | Remove Denied Report | If a report is denied, the file stored in the upload table in the database will be deleted | All reports get deleted/removed from upload table in database |  |  |  |  |  |
| 11.e | Remove Denied Report | If a report is denied, the file stored in the upload table in the database will be deleted | The report does get deleted/removed from submissions table in database |  |  |  |  |  |
| 11.f | Remove Denied Report | If a report is denied, the file stored in the upload table in the database will be deleted | The report does not get deleted/removed from submissions table in database |  |  |  |  |  |
| 11.g | Remove Denied Report | If a report is denied, the file stored in the upload table in the database will be deleted | No reports get deleted/removed from submissions table in database |  |  |  |  |  |
| 11.h | Remove Denied Report | If a report is denied, the file stored in the upload table in the database will be deleted | All reports get deleted/removed from submissions table in database |  |  |  |  |  |
| 12.a | Record of Submission | A record of submission along with the status of accepted or denied will be kept for every report submitted | No record of submission is shown for a report |  |  |  |  |  |
| 12.b | Record of Submission | A record of submission along with the status of accepted or denied will be kept for every report submitted | Record of submission is shown for a report |  |  |  |  |  |
| 12.c | Record of Submission | A record of submission along with the status of accepted or denied will be kept for every report submitted | Record of submission for a report has no status |  |  |  |  |  |
| 12.d | Record of Submission | A record of submission along with the status of accepted or denied will be kept for every report submitted | Record of submission for a report has status of approved |  |  |  |  |  |
| 12.e | Record of Submission | A record of submission along with the status of accepted or denied will be kept for every report submitted | Record of submission for a report has status of denied |  |  |  |  |  |
| 12.f | Record of Submission | A record of submission along with the status of accepted or denied will be kept for every report submitted | Record of submission for a report has a status other than approved or denied |  |  |  |  |  |
| 13.a | Repository – Sort By Author | Repository can be sorted by author’s last name, alphabetically (A-Z) at the press of a button by the user | User presses button and nothing happens |  |  |  |  |  |
| 13.b | Repository – Sort By Author | Repository can be sorted by author’s last name, alphabetically (A-Z) at the press of a button by the user | User presses button and repository sorts alphabetically by first name A-Z |  |  |  |  |  |
| 13.c | Repository – Sort By Author | Repository can be sorted by author’s last name, alphabetically (A-Z) at the press of a button by the user | User presses button and repository sorts reverse alphabetically by first name Z-A |  |  |  |  |  |
| 13.d | Repository – Sort By Author | Repository can be sorted by author’s last name, alphabetically (A-Z) at the press of a button by the user | User presses button and repository sorts alphabetically by last name A-Z |  |  |  |  |  |
| 13.e | Repository – Sort By Author | Repository can be sorted by author’s last name, alphabetically (A-Z) at the press of a button by the user | User presses button and repository sorts reverse alphabetically by last name Z-A |  |  |  |  |  |
| 13.f | Repository – Sort By Author | Repository can be sorted by author’s last name, alphabetically (A-Z) at the press of a button by the user | User presses button and repository sorts numerically |  |  |  |  |  |
| 13.g | Repository – Sort By Author | Repository can be sorted by author’s last name, alphabetically (A-Z) at the press of a button by the user | User presses button and page goes to internal server error 500 |  |  |  |  |  |
| 13.h | Repository – Sort By Author | Repository can be sorted by author’s last name, alphabetically (A-Z) at the press of a button by the user | User presses button and page goes to page not found error 404 |  |  |  |  |  |
| 13.i | Repository – Sort By Author | Repository can be sorted by author’s last name, alphabetically (A-Z) at the press of a button by the user | User presses button and page goes to forbidden 403 |  |  |  |  |  |
| 13.j | Repository – Sort By Author | Repository can be sorted by author’s last name, alphabetically (A-Z) at the press of a button by the user | User presses button and page goes to login page |  |  |  |  |  |
| 13.k | Repository – Sort By Author | Repository can be sorted by author’s last name, alphabetically (A-Z) at the press of a button by the user | User presses button and page goes to home page |  |  |  |  |  |
| 14.a | Repository – Sort By Date | Repository can be sorted by date (most resent to least resent) at the press of a button by the user | User presses button and nothing happens |  |  |  |  |  |
| 14.b | Repository – Sort By Date | Repository can be sorted by date (most resent to least resent) at the press of a button by the user | User presses button and repository sorts date by most recent date to least recent date |  |  |  |  |  |
| 14.c | Repository – Sort By Date | Repository can be sorted by date (most resent to least resent) at the press of a button by the user | User presses button and repository sorts date least recent date to most recent date |  |  |  |  |  |
| 14.d | Repository – Sort By Date | Repository can be sorted by date (most resent to least resent) at the press of a button by the user | User presses button and repository sorts alphabetically by month name A-Z |  |  |  |  |  |
| 14.e | Repository – Sort By Date | Repository can be sorted by date (most resent to least resent) at the press of a button by the user | User presses button and repository sorts reverse alphabetically by month name Z-A |  |  |  |  |  |
| 14.f | Repository – Sort By Date | Repository can be sorted by date (most resent to least resent) at the press of a button by the user | User presses button and repository sorts numerically (like only by day of the month, excluding year or month) |  |  |  |  |  |
| 14.g | Repository – Sort By Date | Repository can be sorted by date (most resent to least resent) at the press of a button by the user | User presses button and page goes to internal server error 500 |  |  |  |  |  |
| 14.h | Repository – Sort By Date | Repository can be sorted by date (most resent to least resent) at the press of a button by the user | User presses button and page goes to page not found error 404 |  |  |  |  |  |
| 14.i | Repository – Sort By Date | Repository can be sorted by date (most resent to least resent) at the press of a button by the user | User presses button and page goes to forbidden 403 |  |  |  |  |  |
| 14.j | Repository – Sort By Date | Repository can be sorted by date (most resent to least resent) at the press of a button by the user | User presses button and page goes to login page |  |  |  |  |  |
| 14.k | Repository – Sort By Date | Repository can be sorted by date (most resent to least resent) at the press of a button by the user | User presses button and page goes to home page |  |  |  |  |  |
| 15.a | Repository – Sort By Title | Repository can be sorted by title alphabetically (A-Z) at the press of a button by the user | User presses button and nothing happens |  |  |  |  |  |
| 15.b | Repository – Sort By Title | Repository can be sorted by title alphabetically (A-Z) at the press of a button by the user | User presses button and repository sorts alphabetically by title A-Z |  |  |  |  |  |
| 15.c | Repository – Sort By Title | Repository can be sorted by title alphabetically (A-Z) at the press of a button by the user | User presses button and repository sorts reverse alphabetically by title Z-A |  |  |  |  |  |
| 15.d | Repository – Sort By Title | Repository can be sorted by title alphabetically (A-Z) at the press of a button by the user | User presses button and repository sorts numerically |  |  |  |  |  |
| 15.e | Repository – Sort By Title | Repository can be sorted by title alphabetically (A-Z) at the press of a button by the user | User presses button and page goes to internal server error 500 |  |  |  |  |  |
| 15.f | Repository – Sort By Title | Repository can be sorted by title alphabetically (A-Z) at the press of a button by the user | User presses button and page goes to page not found error 404 |  |  |  |  |  |
| 15.g | Repository – Sort By Title | Repository can be sorted by title alphabetically (A-Z) at the press of a button by the user | User presses button and page goes to forbidden 403 |  |  |  |  |  |
| 15.h | Repository – Sort By Title | Repository can be sorted by title alphabetically (A-Z) at the press of a button by the user | User presses button and page goes to login page |  |  |  |  |  |
| 15.i | Repository – Sort By Title | Repository can be sorted by title alphabetically (A-Z) at the press of a button by the user | User presses button and page goes to home page |  |  |  |  |  |
| 16.a | Admin Submits free form Query | Admin clicks submit button; Query they wrote executes. | Admin presses button and nothing happens |  |  |  |  |  |
| 16.b | Admin Submits free form Query | Admin clicks submit button; Query they wrote executes. | Admin presses button and page goes to internal server error 500 |  |  |  |  |  |
| 16.c | Admin Submits free form Query | Admin clicks submit button; Query they wrote executes. | Admin presses button and page goes to page not found error 404 |  |  |  |  |  |
| 16.d | Admin Submits free form Query | Admin clicks submit button; Query they wrote executes. | Admin presses button and page goes to forbidden 403 |  |  |  |  |  |
| 16.e | Admin Submits free form Query | Admin clicks submit button; Query they wrote executes. | Admin presses button and page goes to login page |  |  |  |  |  |
| 16.f | Admin Submits free form Query | Admin clicks submit button; Query they wrote executes. | Admin presses button and page goes to home page |  |  |  |  |  |
| 16.g | Admin Submits free form Query | Admin clicks submit button; Query they wrote executes. | Admin presses button and some unknown error displays |  |  |  |  |  |
| 16.h | Admin Submits free form Query | Admin clicks submit button; Query they wrote executes. | Admin presses button and page goes to the result page |  |  |  |  |  |
| 16.i | Admin Submits free form Query | Admin clicks submit button; Query they wrote executes. | Admin presses button and the query does not execute at all |  |  |  |  |  |
| 16.j | Admin Submits free form Query | Admin clicks submit button; Query they wrote executes. | Admin presses button and all data in the database is lost. |  |  |  |  |  |
| 17.a | Admin free form Query result page | Web page that displays result of Admin’s query. | No results are displayed (when there shouldn’t be a result set from query) |  |  |  |  |  |
| 17.b | Admin free form Query result page | Web page that displays result of Admin’s query. | Incorrect results are displayed (when there shouldn’t be a result set from query) |  |  |  |  |  |
| 17.c | Admin free form Query result page | Web page that displays result of Admin’s query. | No results are displayed (when there should be a result set from query) |  |  |  |  |  |
| 17.d | Admin free form Query result page | Web page that displays result of Admin’s query. | Incorrect results are displayed (when there should be a result set from query) |  |  |  |  |  |
| 17.e | Admin free form Query result page | Web page that displays result of Admin’s query. | Results are displayed correctly  |  |  |  |  |  |
| 17.f | Admin free form Query result page | Web page that displays result of Admin’s query. | Results are displayed but it isn’t displayed in the table properly  |  |  |  |  |  |
| 17.g | Admin free form Query result page | Web page that displays result of Admin’s query. | Page displays a SQL related syntax error |  |  |  |  |  |
| 17.h | Admin free form Query result page | Web page that displays result of Admin’s query. | Page does not display SQL related syntax error even though there is a syntax error |  |  |  |  |  |
| 17.i | Admin free form Query result page | Web page that displays result of Admin’s query. | Page displays a SQL related error |  |  |  |  |  |
| 17.j | Admin free form Query result page | Web page that displays result of Admin’s query. | Page displays SQL related error even though there shouldn’t be an error |  |  |  |  |  |
| 17.k | Admin free form Query result page | Web page that displays result of Admin’s query. | Page does not displays SQL related error even though there should be an error |  |  |  |  |  |
| 17.l | Admin free form Query result page | Web page that displays result of Admin’s query. | Page doesn’t display anything |  |  |  |  |  |
| 17.m | Admin free form Query result page | Web page that displays result of Admin’s query. | The page shows internal server error 500 instead of results page |  |  |  |  |  |
| 17.n | Admin free form Query result page | Web page that displays result of Admin’s query. | The page shows page not found error 404 instead of results page |  |  |  |  |  |
| 17.o | Admin free form Query result page | Web page that displays result of Admin’s query. | The page shows forbidden 403 instead of results page |  |  |  |  |  |
| 17.p | Admin free form Query result page | Web page that displays result of Admin’s query. | The page shows the login page instead of results page |  |  |  |  |  |
| 17.q | Admin free form Query result page | Web page that displays result of Admin’s query. | The page shows home page instead of results page |  |  |  |  |  |
| 18.a | Admin Delete Papers (Restrictions 3) | Admin can delete papers | The Admin can delete a paper |  |  |  |  |  |
| 18.b | Admin Delete Papers (Restrictions 3) | Admin can delete papers | The Admin cannot delete a paper |  |  |  |  |  |
| 18.c | Admin Delete Papers (Restrictions 3) | Admin can delete papers | The Admin deletes entire database |  |  |  |  |  |
| 18.d | Admin Delete Papers (Restrictions 3) | Admin can delete papers | Loads confirmation page for deletion |  |  |  |  |  |
| 18.e | Admin Delete Papers (Restrictions 3) | Admin can delete papers | Header and footer displayed properly |  |  |  |  |  |
| 18.f | Admin Delete Papers (Restrictions 3) | Admin can delete papers | Upon confirmation goes to internal server error 500 page |  |  |  |  |  |
| 18.g | Admin Delete Papers (Restrictions 3) | Admin can delete papers | Upon confirmation goes to page not found 404 page |  |  |  |  |  |
| 18.h | Admin Delete Papers (Restrictions 3) | Admin can delete papers | Upon confirmation goes to forbidden 403 page |  |  |  |  |  |
| 18.i | Admin Delete Papers (Restrictions 3) | Admin can delete papers | Upon confirmation goes to home page |  |  |  |  |  |
| 18.j | Admin Delete Papers (Restrictions 3) | Admin can delete papers | Upon confirmation goes to login page |  |  |  |  |  |
| 19.a | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | The selected user is flagged as deleted in the database, no information is removed |  |  |  |  |  |
| 19.b | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | The selected user is deleted from the database |  |  |  |  |  |
| 19.c | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | Another user that was not selected was deleted from the database |  |  |  |  |  |
| 19.d | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | Another user that was not selected was flagged as deleted in the database |  |  |  |  |  |
| 19.e | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | Reports by that user are removed from the database |  |  |  |  |  |
| 19.f | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | Reports by another user are removed from the database |  |  |  |  |  |
| 19.g | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | No changes are made |  |  |  |  |  |
| 19.h | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | The confirmation page loads correctly |  |  |  |  |  |
| 19.i | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | Directed to incorrect page |  |  |  |  |  |
| 19.j | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | 403 – forbidden |  |  |  |  |  |
| 19.k | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | 500 – internal server error |  |  |  |  |  |
| 19.l | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | Internet connection lost – diagnose connection |  |  |  |  |  |
| 19.m | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | Header photo does not load. |  |  |  |  |  |
| 19.n | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | Menu does not load |  |  |  |  |  |
| 19.o | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | Tables do not display properly |  |  |  |  |  |
| 19.p | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | Links are dead |  |  |  |  |  |
| 19.q | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | Links lead to incorrect pages |  |  |  |  |  |
| 19.r | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | Footer does not display properly |  |  |  |  |  |
| 19.s | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | 404 error – page not found |  |  |  |  |  |
| 19.t | Admins Can Delete Users (Restriction 2) | Administrator selects one user to delete | Partial data was stored properly, some data was lost |  |  |  |  |  |
| 19.u | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | The selected users are flagged as deleted in the database, no information is removed |  |  |  |  |  |
| 19.v | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | The selected users are deleted from the database |  |  |  |  |  |
| 19.w | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Users other than the selected users are deleted from the database |  |  |  |  |  |
| 19.x | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Users other than the selected users are flagged as deleted in the database |  |  |  |  |  |
| 19.y | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Only one selected user is flagged as deleted |  |  |  |  |  |
| 19.z | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Not all selected users are flagged as deleted |  |  |  |  |  |
| 19.aa | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Reports by the selected users are removed from the database |  |  |  |  |  |
| 19.bb | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Reports by one of the selected users are removed from the database |  |  |  |  |  |
| 19.cc | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Reports by some of the selected users are removed from the database |  |  |  |  |  |
| 19.dd | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | The confirmation page loads correctly |  |  |  |  |  |
| 19.ee | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Directed to incorrect page |  |  |  |  |  |
| 19.ff | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | 403 – forbidden |  |  |  |  |  |
| 19.gg | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | 500 – internal server error |  |  |  |  |  |
| 19.hh | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Internet connection lost – diagnose connection |  |  |  |  |  |
| 19.ii | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Header photo does not load. |  |  |  |  |  |
| 19.jj | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Menu does not load |  |  |  |  |  |
| 19.kk | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Tables do not display properly |  |  |  |  |  |
| 19.ll | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Links are dead |  |  |  |  |  |
| 19.mm | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Links lead to incorrect pages |  |  |  |  |  |
| 19.nn | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Footer does not display properly |  |  |  |  |  |
| 19.oo | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | 404 error – page not found |  |  |  |  |  |
| 19.pp | Admins Can Delete Users (Restriction 2) | Administrator selects multiple users to delete | Partial data was stored properly, some data was lost |  |  |  |  |  |
| 20.a | Admin Update Requirements (Restrictions 1) | Administrator completes text area form field and clicks submit | Requirements are stored in the database and the confirmation page loads correctly |  |  |  |  |  |
| 20.b | Admin Update Requirements (Restrictions 1) | Administrator completes text area form field and clicks submit | Requirements are not stored in the database and the confirmation page loads correctly |  |  |  |  |  |
| 20.c | Admin Update Requirements (Restrictions 1) | Administrator completes text area form field and clicks submit | Directed to incorrect page |  |  |  |  |  |
| 20.d | Admin Update Requirements (Restrictions 1) | Administrator completes text area form field and clicks submit | 403 – forbidden |  |  |  |  |  |
| 20.e | Admin Update Requirements (Restrictions 1) | Administrator completes text area form field and clicks submit | 500 – internal server error |  |  |  |  |  |
| 20.f | Admin Update Requirements (Restrictions 1) | Administrator completes text area form field and clicks submit | Internet connection lost – diagnose connection |  |  |  |  |  |
| 20.g | Admin Update Requirements (Restrictions 1) | Administrator completes text area form field and clicks submit | Header photo does not load. |  |  |  |  |  |
| 20.h | Admin Update Requirements (Restrictions 1) | Administrator completes text area form field and clicks submit | Menu does not load |  |  |  |  |  |
| 20.i | Admin Update Requirements (Restrictions 1) | Administrator completes text area form field and clicks submit | Tables do not display properly |  |  |  |  |  |
| 20.j | Admin Update Requirements (Restrictions 1) | Administrator completes text area form field and clicks submit | Links are dead |  |  |  |  |  |
| 20.k | Admin Update Requirements (Restrictions 1) | Administrator completes text area form field and clicks submit | Links lead to incorrect pages |  |  |  |  |  |
| 20.l | Admin Update Requirements (Restrictions 1) | Administrator completes text area form field and clicks submit | Footer does not display properly |  |  |  |  |  |
| 20.m | Admin Update Requirements (Restrictions 1) | Administrator completes text area form field and clicks submit | 404 error – page not found |  |  |  |  |  |
| 20.n | Admin Update Requirements (Restrictions 1) | Administrator completes text area form field and clicks submit | Partial data was stored properly, some data was lost |  |  |  |  |  |
| 21.a | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | The report is uploaded to the database and the co-author is listed along with the author |  |  |  |  |  |
| 21.b | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | The report is not uploaded to the database and the co-author is listed along with the author |  |  |  |  |  |
| 21.c | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | The report is uploaded to the database and the co-author is not listed with the author |  |  |  |  |  |
| 21.d | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | The report is uploaded to the database and the co-author is listed but the author is not |  |  |  |  |  |
| 21.e | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | The report is uploaded to the database and the co-author is listed as the author, author is not listed |  |  |  |  |  |
| 21.f | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | The report is uploaded to the database and the co-author is listed as the author, author is listed as the co-author |  |  |  |  |  |
| 21.g | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | Directed to incorrect page |  |  |  |  |  |
| 21.h | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | 403 – forbidden |  |  |  |  |  |
| 21.i | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | 500 – internal server error |  |  |  |  |  |
| 21.j | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | Internet connection lost – diagnose connection |  |  |  |  |  |
| 21.k | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | Header photo does not load. |  |  |  |  |  |
| 21.l | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | Menu does not load |  |  |  |  |  |
| 21.m | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | Tables do not display properly |  |  |  |  |  |
| 21.n | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | Links are dead |  |  |  |  |  |
| 21.o | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | Links lead to incorrect pages |  |  |  |  |  |
| 21.p | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | Footer does not display properly |  |  |  |  |  |
| 21.q | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | 404 error – page not found |  |  |  |  |  |
| 21.r | Authors Can Specify Co-authors | Upon submitting a report, the author specifies one co-author | Partial data was stored properly, some data was lost |  |  |  |  |  |
| 21.s | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | The report is uploaded to the database and the author and co-authors are stored correctly |  |  |  |  |  |
| 21.t | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | The report is not uploaded to the database but the author and co-authors are stored correctly |  |  |  |  |  |
| 21.u | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | The report is uploaded to the database but the author is not stored correctly |  |  |  |  |  |
| 21.v | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | The report is uploaded to the database but the co-authors are not stored correctly |  |  |  |  |  |
| 21.w | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | The report is uploaded to the database but one of the co-authors is not stored correctly |  |  |  |  |  |
| 21.x | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | The report is uploaded to the database not all of the co-authors are stored correctly |  |  |  |  |  |
| 21.y | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | Directed to incorrect page |  |  |  |  |  |
| 21.z | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | 403 – forbidden |  |  |  |  |  |
| 21.aa | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | 500 – internal server error |  |  |  |  |  |
| 21.bb | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | Internet connection lost – diagnose connection |  |  |  |  |  |
| 21.cc | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | Header photo does not load. |  |  |  |  |  |
| 21.dd | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | Menu does not load |  |  |  |  |  |
| 21.ee | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | Tables do not display properly |  |  |  |  |  |
| 21.ff | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | Links are dead |  |  |  |  |  |
| 21.gg | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | Links lead to incorrect pages |  |  |  |  |  |
| 21.hh | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | Footer does not display properly |  |  |  |  |  |
| 21.ii | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | 404 error – page not found |  |  |  |  |  |
| 21.jj | Authors Can Specify Co-authors | Upon submitting a report, the author specifies multiple co-authors | Partial data was stored properly, some data was lost |  |  |  |  |  |
| 22.a | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | All fields of form are accepted and the information is stored correctly, confirmation page loads correctly |  |  |  |  |  |
| 22.b | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | Author does not fill in title field, is alerted to complete that field |  |  |  |  |  |
| 22.c | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | Author does not fill in the link field, is alerted to complete that field |  |  |  |  |  |
| 22.d | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | Directed to incorrect page |  |  |  |  |  |
| 22.e | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | 403 – forbidden |  |  |  |  |  |
| 22.f | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | 500 – internal server error |  |  |  |  |  |
| 22.g | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | Internet connection lost – diagnose connection |  |  |  |  |  |
| 22.h | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | Header photo does not load. |  |  |  |  |  |
| 22.i | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | Menu does not load |  |  |  |  |  |
| 22.j | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | Tables do not display properly |  |  |  |  |  |
| 22.k | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | Links are dead |  |  |  |  |  |
| 22.l | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | Links lead to incorrect pages |  |  |  |  |  |
| 22.m | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | Footer does not display properly |  |  |  |  |  |
| 22.n | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | 404 error – page not found |  |  |  |  |  |
| 22.o | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | Partial data was stored properly, some data was lost |  |  |  |  |  |
| 22.p | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | Form information is not stored but confirmation displays |  |  |  |  |  |
| 22.q | Author Submits Link to Outside Paper | Author fills out form to request a link to an outside paper, clicks submit | Form information is stored but confirmation does not display |  |  |  |  |  |
| 23.a | Author Link Request, Admin Approval Page | Administrator receives email and clicks valid link to be directed to approval/denial page | Approval/denial page loads correctly |  |  |  |  |  |
| 23.b | Author Link Request | Administrator receives email and clicks valid link to be directed to approval/denial page | Directed to incorrect page |  |  |  |  |  |
| 23.c | Author Link Request | Administrator receives email and clicks valid link to be directed to approval/denial page | 403 – forbidden |  |  |  |  |  |
| 23.d | Author Link Request | Administrator receives email and clicks valid link to be directed to approval/denial page | 500 – internal server error |  |  |  |  |  |
| 23.e | Author Link Request | Administrator receives email and clicks valid link to be directed to approval/denial page | Directed to login page |  |  |  |  |  |
| 23.f | Author Link Request | Administrator receives email and clicks valid link to be directed to approval/denial page | Internet connection lost – diagnose connection |  |  |  |  |  |
| 23.g | Author Link Request | Administrator receives email and clicks valid link to be directed to approval/denial page | Header photo does not load. |  |  |  |  |  |
| 23.h | Author Link Request | Administrator receives email and clicks valid link to be directed to approval/denial page | Menu does not load |  |  |  |  |  |
| 23.i | Author Link Request | Administrator receives email and clicks valid link to be directed to approval/denial page | Tables do not display properly |  |  |  |  |  |
| 23.j | Author Link Request | Administrator receives email and clicks valid link to be directed to approval/denial page | Links are dead |  |  |  |  |  |
| 23.k | Author Link Request | Administrator receives email and clicks valid link to be directed to approval/denial page | Links lead to incorrect pages |  |  |  |  |  |
| 23.l | Author Link Request | Administrator receives email and clicks valid link to be directed to approval/denial page | Form fields do not load |  |  |  |  |  |
| 23.m | Author Link Request | Administrator receives email and clicks valid link to be directed to approval/denial page | Form fields display improper information |  |  |  |  |  |
| 23.n | Author Link Request | Administrator receives email and clicks valid link to be directed to approval/denial page | Footer does not display properly |  |  |  |  |  |
| 23.o | Author Link Request | Administrator receives email and clicks invalid link to be directed to approval/denial page | 404 error – page not found |  |  |  |  |  |
| 23.p | Author Link Request | Administrator receives email and clicks invalid link to be directed to approval/denial page | Dead link – does not lead anywhere |  |  |  |  |  |
| 24.a | Admin Approve Link | Administrator approves the request for the link | The link is accepted and the database is updated to reflect this acceptance |  |  |  |  |  |
| 24.b | Admin Approve Link | Administrator approves the request for the link | The database is not updated – no changes are made |  |  |  |  |  |
| 24.c | Admin Approve Link | Administrator approves the request for the link | The report is deleted from the database but the link is not inserted |  |  |  |  |  |
| 25.a | Admin Deny Link | Administrator denies the request for a link in the repository | No changes are made to the database/repository |  |  |  |  |  |
| 25.b | Admin Deny Link | Administrator denies the request for a link in the repository | The link for the report is accepted and the database is updated |  |  |  |  |  |
| 26.a | Email to Admin Upon Paper Submission | Author clicks submit to upload report, title, and abstract | Email is sent to administrator notifying them of the submission of a report – all fields are correct and comprehendible |  |  |  |  |  |
| 26.b | Email to Admin Upon Paper Submission | Author clicks submit to upload report | Email is sent to administrator but the admin does not receive the email |  |  |  |  |  |
| 26.c | Email to Admin Upon Paper Submission | Author clicks submit to upload report | Email is not sent to the administrator |  |  |  |  |  |
| 26.d | Email to Admin Upon Paper Submission | Author clicks submit to upload report | Email is sent but the text of the subject is not comprehendible |  |  |  |  |  |
| 26.e | Email to Admin Upon Paper Submission | Author clicks submit to upload report | Email is sent but the text of the body is not comprehendible |  |  |  |  |  |
| 26.f | Email to Admin Upon Paper Submission | Author clicks submit to upload report | Email is sent but the address of the sender is not correct |  |  |  |  |  |
| 26.g | Email to Admin Upon Paper Submission | Author clicks submit to upload report | Email is sent and anyone other than the admin receives the email |  |  |  |  |  |
| 26.h | Email to Admin Upon Paper Submission | Author clicks submit to upload report | Email is sent and the administrator receives multiple copies of the email |  |  |  |  |  |
| 27.a | Link Request Email to Admin | Author submits link request to system | Email is sent to administrator notifying them of the request – all fields are correct and comprehendible |  |  |  |  |  |
| 27.b | Link Request Email to Admin | Author submits link request to system | Email is sent to administrator but the admin does not receive the email |  |  |  |  |  |
| 27.c | Link Request Email to Admin | Author submits link request to system | Email is sent to administrator but the text of the subject is not comprehendible |  |  |  |  |  |
| 27.d | Link Request Email to Admin | Author submits link request to system | Email is sent to administrator but the text of the body is not comprehendible |  |  |  |  |  |
| 27.e | Link Request Email to Admin | Author submits link request to system | Email is sent to administrator but the address of the sender is not correct |  |  |  |  |  |
| 27.f | Link Request Email to Admin | Author submits link request to system | Email is not sent to the administrator |  |  |  |  |  |
| 27.g | Link Request Email to Admin | Author submits link request to system | Email is sent but anyone other than the administrator receives the email |  |  |  |  |  |
| 27.h | Link Request Email to Admin | Author submits link request to system | Email is sent and the administrator receives multiple copies of the email |  |  |  |  |  |
| 28.a | Admin Emailed When Reviewers Finish Review | The third and final reviewer submits their review | Email is sent to administrator notifying them of the completion of review, email requests admin to complete final review – all fields are correct and comprehendible |  |  |  |  |  |
| 28.b | Admin Emailed When Reviewers Finish Review | The third and final reviewer submits their review | Email is sent to administrator but the email is not received |  |  |  |  |  |
| 28.c | Admin Emailed When Reviewers Finish Review | The third and final reviewer submits their review | Email is sent to administrator but the text of the subject is not comprehendible |  |  |  |  |  |
| 28.d | Admin Emailed When Reviewers Finish Review | The third and final reviewer submits their review | Email is sent to administrator but the text of the body is not comprehendible |  |  |  |  |  |
| 28.e | Admin Emailed When Reviewers Finish Review | The third and final reviewer submits their review | Email is not sent to the administrator |  |  |  |  |  |
| 28.f | Admin Emailed When Reviewers Finish Review | The third and final reviewer submits their review | Email is sent to the administrator but does not request the admin to complete final review |  |  |  |  |  |
| 28.g | Admin Emailed When Reviewers Finish Review | The first reviewer submits their review | Email is sent to administrator notifying them of the completion of review |  |  |  |  |  |
| 28.h | Admin Emailed When Reviewers Finish Review | The first reviewer submits their review | Email is not sent to administrator |  |  |  |  |  |
| 28.i | Admin Emailed When Reviewers Finish Review | The second reviewer submits their review | Email is sent to administrator notifying them of the completion of review |  |  |  |  |  |
| 28.j | Admin Emailed When Reviewers Finish Review | The second reviewer submits their review | Email is not sent to administrator |  |  |  |  |  |
| 29.a | Notifying Reviewers with Email | Administrator assigns the three reviewers to a report | Email is sent and all three reviewers receive the email containing a link to the designated reviewer page containing that report |  |  |  |  |  |
| 29.b | Notifying Reviewers with Email | Administrator assigns the three reviewers to a report | Email is sent and none of the reviewers receive the email |  |  |  |  |  |
| 29.c | Notifying Reviewers with Email | Administrator assigns the three reviewers to a report | Email is sent and only one reviewer receives the email |  |  |  |  |  |
| 29.d | Notifying Reviewers with Email | Administrator assigns the three reviewers to a report | Email is sent and two reviewers receive the email |  |  |  |  |  |
| 29.e | Notifying Reviewers with Email | Administrator assigns the three reviewers to a report | Email is sent and a person that was not selected to review receives the email |  |  |  |  |  |
| 29.f | Notifying Reviewers with Email | Administrator assigns the three reviewers to a report | Email is sent but the text of the subject is not comprehendible |  |  |  |  |  |
| 29.g | Notifying Reviewers with Email | Administrator assigns the three reviewers to a report | Email is sent but the text of the body is not comprehendible |  |  |  |  |  |
| 29.h | Notifying Reviewers with Email | Administrator assigns the three reviewers to a report | Email is sent but the sender’s address is not correct |  |  |  |  |  |
| 29.i | Notifying Reviewers with Email | Administrator assigns the three reviewers to a report | Email is sent and the reviewers receive multiple copies of the email |  |  |  |  |  |
| 29.j | Notifying Reviewers with Email | Administrator assigns the three reviewers to a report | Email is not sent to any reviewers |  |  |  |  |  |
| 29.k | Notifying Reviewers with Email | Administrator assigns the three reviewers to a report | Email is not sent to one of the three reviewers |  |  |  |  |  |
| 29.l | Notifying Reviewers with Email | Administrator assigns the three reviewers to a report | Email is not sent to two of the three reviewers |  |  |  |  |  |
| 29.m | Notifying Reviewers with Email | Reviewer clicks on valid link in email | Directed to the correct reviewer’s page that loads correctly |  |  |  |  |  |
| 29.n | Notifying Reviewers with Email | Reviewer clicks on valid link in email | Directed to incorrect page |  |  |  |  |  |
| 29.o | Notifying Reviewers with Email | Reviewer clicks on valid link in email | 403 – forbidden |  |  |  |  |  |
| 29.p | Notifying Reviewers with Email | Reviewer clicks on valid link in email | 500 – internal server error |  |  |  |  |  |
| 29.q | Notifying Reviewers with Email | Reviewer clicks on valid link in email | Directed to login page |  |  |  |  |  |
| 29.r | Notifying Reviewers with Email | Reviewer clicks on valid link in email | Internet connection lost – diagnose connection |  |  |  |  |  |
| 29.s | Notifying Reviewers with Email | Reviewer clicks on valid link in email | Header photo does not load. |  |  |  |  |  |
| 29.t | Notifying Reviewers with Email | Reviewer clicks on valid link in email | Menu does not load |  |  |  |  |  |
| 29.u | Notifying Reviewers with Email | Reviewer clicks on valid link in email | Tables do not display properly |  |  |  |  |  |
| 29.v | Notifying Reviewers with Email | Reviewer clicks on valid link in email | Links are dead |  |  |  |  |  |
| 29.w | Notifying Reviewers with Email | Reviewer clicks on valid link in email | Links lead to incorrect pages |  |  |  |  |  |
| 29.x | Notifying Reviewers with Email | Reviewer clicks on valid link in email | Form fields do not load |  |  |  |  |  |
| 29.y | Notifying Reviewers with Email | Reviewer clicks on valid link in email | Form fields display improper information |  |  |  |  |  |
| 29.z | Notifying Reviewers with Email | Reviewer clicks on valid link in email | Footer does not display properly |  |  |  |  |  |
| 29.aa | Notifying Reviewers with Email | Reviewer clicks on invalid link in email | 404 error – page not found |  |  |  |  |  |
| 29.bb | Notifying Reviewers with Email | Reviewer clicks on invalid link in email | Dead link – does not lead anywhere |  |  |  |  |  |
| 30.a | Author Notification of Reviewing Status | Administrator assigns reviewers and report status is updated to under review | Email is sent to author notifying them of the status changing to under review |  |  |  |  |  |
| 30.b | Author Notification of Reviewing Status | Administrator assigns reviewers and report status is updated to under review | Email is sent to author but the author does not receive the email |  |  |  |  |  |
| 30.c | Author Notification of Reviewing Status | Administrator assigns reviewers and report status is updated to under review | Email is sent to the author but the text of the subject is not comprehendible |  |  |  |  |  |
| 30.d | Author Notification of Reviewing Status | Administrator assigns reviewers and report status is updated to under review | Email is sent to the author but the text of the body is not comprehendible |  |  |  |  |  |
| 30.e | Author Notification of Reviewing Status | Administrator assigns reviewers and report status is updated to under review | Email is sent to the author but the sender’s address is not correct |  |  |  |  |  |
| 30.f | Author Notification of Reviewing Status | Administrator assigns reviewers and report status is updated to under review | Email is sent to the author notifying them the status has changed to anything other than under review |  |  |  |  |  |
| 30.g | Author Notification of Reviewing Status | Administrator assigns reviewers and report status is updated to under review | Email is sent to the author and the author receives multiple copies of the email |  |  |  |  |  |
| 30.h | Author Notification of Reviewing Status | Administrator assigns reviewers and report status is updated to under review | Email is not sent to the author |  |  |  |  |  |
| 31.a | Author Email Regarding Link Request | Administrator approves link request | Email is sent to the author notifying them of the acceptance – all fields of email are correct and comprehendible |  |  |  |  |  |
| 31.b | Author Email Regarding Link Request | Administrator approves link request | Email is sent to the author notifying them of the denial |  |  |  |  |  |
| 31.c | Author Email Regarding Link Request | Administrator approves link request | Email is sent to the author but the author does not receive the email |  |  |  |  |  |
| 31.d | Author Email Regarding Link Request | Administrator approves link request | Email is sent to the author but the text of the subject is not comprehendible |  |  |  |  |  |
| 31.e | Author Email Regarding Link Request | Administrator approves link request | Email is sent to the author but the text of the body is not comprehendible |  |  |  |  |  |
| 31.f | Author Email Regarding Link Request | Administrator approves link request | Email is sent to the author but the sender’s address is not correct |  |  |  |  |  |
| 31.g | Author Email Regarding Link Request | Administrator approves link request | Email is sent to the author and the author receives multiple copies of the email |  |  |  |  |  |
| 31.h | Author Email Regarding Link Request | Administrator approves link request | Email is not sent to the author |  |  |  |  |  |
| 31.i | Author Email Regarding Link Request | Administrator denies link request | Email is sent to the author notifying them of the denial – all fields of email are correct and comprehendible |  |  |  |  |  |
| 31.j | Author Email Regarding Link Request | Administrator denies link request | Email is sent to the author notifying them of the acceptance |  |  |  |  |  |
| 31.k | Author Email Regarding Link Request | Administrator denies link request | Email is sent to the author but the author does not receive the email |  |  |  |  |  |
| 31.l | Author Email Regarding Link Request | Administrator denies link request | Email is sent to the author by the text of the subject is not comprehendible |  |  |  |  |  |
| 31.m | Author Email Regarding Link Request | Administrator denies link request | Email is sent to the author but the text of the body is not comprehendible |  |  |  |  |  |
| 31.n | Author Email Regarding Link Request | Administrator denies link request | Email is sent to the author but the sender’s address is not correct |  |  |  |  |  |
| 31.o | Author Email Regarding Link Request | Administrator denies link request | Email is sent to the author and the author receives multiple copies of the email |  |  |  |  |  |
| 31.p | Author Email Regarding Link Request | Administrator denies link request | Email is not sent to the author |  |  |  |  |  |

# Customer Acceptance Testing

Customer Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test #** | **User Story** | **Action / Input** | **Expected Result** | **Actual Result** | **P/F** | **Notes** | **Date test performed** |
| 1 | Admin Assignment of Reviewers | Click on valid link | Reviewer selection page loads correctly |  |  |  |  |
| 2 | Admin Select Reviewers | Select three reviewers, click submit button | Confirmation page loads showing that the three selected users were marked as reviewers. |  |  |  |  |
| 3 | Admin Assignment – Restriction | Page to select reviewers loads | Author of the paper selected is not present on list |  |  |  |  |
| 4 | Author View Only Their Report  | Load repository | No papers marked under review are present |  |  |  |  |
| 5 | Reviewer Restriction | Load page to download reports that are assigned to review | Only papers that the user is assigned to review are present |  |  |  |  |
| 6 | Update Report Status (to Under Review) | Assign reviewers to a report and click submit | The status of the report selected should change to under review |  |  |  |  |
| 7 | Author Resubmit | Resubmit the same report prior to the report being assigned for review | The new report should replace the previous version |  |  |  |  |
| 8 | Author Withdraw/ Resubmit | Once the report is marked under review, author attempts to resubmit or withdraw | The report cannot be withdraw or submitted over the under review version |  |  |  |  |
| 9 | Status Upon Denial | Admin denies a report | A record of denied is stored in the table of report submissions |  |  |  |  |
| 10 | Status Upon Approval | Admin approves a report | A record of approved is stored in the table of report submissions |  |  |  |  |
| 11 | Remove Denied Report | Admin denies a report | The report is removed from the database |  |  |  |  |
| 12 | Record of Submission | Admin approves or denies a report | A record of submission is kept for every report, approved or denied |  |  |  |  |
| 13 | Repository – Sort By Author | User selects sort by author | Repository is sorted by the author’s last name |  |  |  |  |
| 14 | Repository – Sort By Date | User selects sort by date | Repository is sorted from most recent date down |  |  |  |  |
| 15 | Repository – Sort By Title | User selects sort by title | Repository is sorted in alphabetical order |  |  |  |  |
| 16 | Admin Submits Free Form Query | Admin enters a valid SQL statement and clicks submit | Query executes without error |  |  |  |  |
| 17 | Admin Free Form Query Result Page | Admin clicks submit after entering a valid SQL statement | Results of query display properly on the result page |  |  |  |  |
| 18 | Admin Delete Papers | Admin selects a paper or papers to delete | The paper or papers are removed from the database |  |  |  |  |
| 19 | Admin Delete Users | Admin selects a user to delete | The user is flagged as deleted in the database |  |  |  |  |
| 20 | Admin Update Requirements | Admin enters new requirements and clicks submit | The new requirements are stored in the database replacing the previous version |  |  |  |  |
| 21 | Authors Can Specify Co-Authors | Author specifies one or more co-author when uploading a report | The co-authors’ names are stored along with the report in the database |  |  |  |  |
| 22 | Author Submits Links to Outside Paper | Author submits a link request for a report published outside the repository | Link is stored with a temporary status to be viewed by the admin |  |  |  |  |
| 23 | Author Link Request, Admin Approval Page | Admin loads the link approval page | The page loads correctly |  |  |  |  |
| 24 | Admin Approve Link | Admin approves a link request | The report is replaced by the link in the database |  |  |  |  |
| 25 | Admin Deny Link | Admin denies a link request | No action is taken |  |  |  |  |
| 26 | Email to Admin Upon Paper Submission | Author submits a report | Email is sent to the admin notifying them of the submission |  |  |  |  |
| 27 | Link Request Email to Admin | Author submits a link request | Email is sent to the admin notifying them of the request |  |  |  |  |
| 28 | Admin Emailed When Reviewers Finish Review | Third and final reviewer completes their review | Email is sent to admin notifying them of the review completion – requests final approval |  |  |  |  |
| 29 | Notifying Reviewers With Email | Admin selects reviewers for a report | Email is sent to each selected reviewer notifying them of their status |  |  |  |  |
| 30 | Author Notification of Reviewing Status | Admin selects reviewers for a report | Email is sent to the author notifying them that the report is under review |  |  |  |  |
| 31 | Author Email Regarding Link Request | Admin denies or approves a link request | Email is sent to the author notifying them of the approval or denial of the request |  |  |  |  |