**Test-suit for Functional Requirements:**

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| **Test Case ID** | **User** | **Test Case** | **Description** | **Expected Results** | **Consequences** |
| 1 | Reader | Check the category list. | 1. Go to the system.  2. Click to the “Categories” option.  3.Now observe the result. | All categories should be displayed in ascending order. |  |
| 2 | Reader | Search for a specific category’s article. | 1.Complete test case 01.  2.Write the category name in the search box.  3.Now observe the result. | All articles which are related to the categories should be displayed | Test case 01 |
| 3 | Reader | Check the authors list. | 1. Go to the system.  2. Click to the “Authors” option.  3.Now observe the result. | It should display all authors name by ascending order. |  |
| 4 | Reader | Search for a specific author’s article. | 1.Complete test case 03.  2.Write the author name in the search box.  3.Now observe the result. | All articles of that author should be displayed. | Test case 03 |
| 4 | Reader | Search an article by its name or title keyword. | 1.Go to the system.  2.Write the input text to the search box.  3.Now observe the results. | It should display that specific article. If there are multiple option, then all of these article should be displayed. |  |
| 5 | Reader | Selects an article | 1.Go to the system.  2.Select an article.  3.Now observe the result. | It should displays the abstract of that article. |  |
| 6 | Reader | Download an article. | 1.Complete test case 05.  3.Click to the the download option.  4.Now observe the result. | It should download the entire article. | Test case 05 |
| 7 | Author | Submit/resubmit Article to the editor. | 1.Go to the system.  2.Choose “Email Editor” option.  3. fill in the Subject line and attach the files as directed and send the email to the editor. | It should return an auto generated acknowledgement after submitting the article to the editor’s mail. |  |
| 8 | Reviewer | Submit a review for a specific article to the editor. | 1.Go to the system.  2.Choose “Email Editor” option.  3. fill in the Subject line and attach the files as directed and send the email to the editor. | It should return an auto generated acknowledgement after submitting the review to the editor’s mail. |  |
| 9 | Editor | Add author | 1.Go to the system.  2.Choose “add author” option.  3.Enter all required information to the blank grid.  4.Submit the form to the system and let the system to review and store it to the database. | It should display confirmation after successful addition and return the Editor to the Article Manager main page. |  |
| 10 | Editor | Update author | 1.Go to the system.  2.Choose “update author” option.  3.Change information to the grid that are already filled up.  4.Submit the changes. | It should display confirmation after successful update operation and return the Editor to the Article Manager main page.  . |  |
| 11 | Editor | Add reviewer | 1.Go to the system.  2.Choose “add reviewer” option.  3.Enter all required information to the blank grid.  4.Submit the form to the system and let the system to review and store it to the database. | It should display confirmation after successful addition and return the Editor to the Article Manager main page. |  |
| 12 | Editor | Update reviewer | 1.Go to the system.  2.Choose “update reviewer” option.  3.Change information to the grid that are already filled up.  4.Submit the changes. | It should display confirmation after successful update operation and return the Editor to the Article Manager main page. |  |
| 13 | Editor | Update article status | 1. Go to the system.  2. Select the article to update.  3. updates the information into the grid for and resubmits the form. | It should display confirmation message of update and return the Editor to the Article Manager main page. |  |
| 14 | Editor | Receive article/review | 1.Select “receive article” option.  2. If update needs to be done then change the information into the grid form and resubmit it. | It should display confirmation message after receiving and return the Editor to the Article Manager main page. |  |
| 15 | Editor | Assign Reviewer for an article | 1.Go to the system.  2.Select to “*Assign Reviewer”*.  3.Select a reviewer and send necessary instructions and files via email. | After successful assign, it should update the respective article information in database and display confirmation message. |  |
| 16 | Editor | Check Status | 1.Go to the system.  2.Select to “*Check Status”.*  *3.*Scroll the list of all active article to check their status. | It should display the status of all active articles. |  |
| 17 | Editor | Send copyright form to an author | 1.Go to the system.  2.Selects to “*Send Copyright”.*  *3.* fill out the email text and sends the message with attach copyright form to the author. | It should send the copyright form to the author via author’s email. |  |
| 18 | Editor | Publish Article | 1.Go to the system.  2.Selects to “*Publish Article”.*  *3.*Transfer the article to the Online Journal and update the search information there. | The system should add the article to the online journal, remove the article from the active article database and return the Editor to the Article Manager home page. |  |
| 19 | Editor | Remove Article | 1.Go to the system.  2.Select to remove an article from the active article list.  3.Then select “Remove The Article” to remove the selected article. | The system should remove the article from the active article database and return the Editor to the Article Manager home page. |  |