|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case** | **Inputs** | **Expected Output** | **Actual Output** | **Pass or Fail** |
| **Server socket accepts client connection** | **Local host server to connect** | **Client connected to the server** |  |  |
|  |  |  |  |  |
| **USER TEST CASES** | | | | |
|  |  |  |  |  |
| **Successful login/Singup details** | **Valid option chosen** | **The corresponding details are prompted to enter** |  |  |
| **Unsuccessful login/Signup option chosen** | **Invalid option chosen** | **Error displayed. User allowed to try again** |  |  |
| **Successful User login** | **Valid login details** | **Options to continue is displayed** |  |  |
| **Failed User login attempt** | **Invalid login details** | **Login failed and allowed to try again** |  |  |
| **User wants to read articles** | **User chose the read articles options** | **JavaFx loaded, with articles and the recommended articles** |  |  |
| **User views article** | **User clicks to view article** | **The article loaded with necessary components for interaction and to read article** |  |  |
| **User interact (like, skip, rate) with the article** | **User selects option for interaction** | **The Database is updated** | **Ex: userId:1 interact with the articleId: 1 (The user likes the article and gives the article of ratings 4)**    **(MySQL database updated)** |  |
| **User Reads article** | **User selects to read the article** | **The user redirected to the article** |  |  |
|  |  |  |  |  |
| **ADMIN TEST CASES** | | | | |
|  |  |  |  |  |
| **Successful admin login** | **Admin enter valid credentials** | **Give options the admin can proceed with**  **(read articles, publish an article)** |  |  |
| **Unsuccessful admin login** | **Admin enter invalid credentials** | **Display invalid credentials entered and allow to try again** |  |  |
| **Admin chose an option (read articles, publish articles, quit program)** | **Admin enter valid option** | **Redirect Admin to the chosen option**  **1.If read articles – directed to the articles**  **2.If publish articles – directed to publishing page** | **1. Admin select option to read articles**    **2.Admin chose to select publish articles** |  |
| **Admin chose an invalid option** | **Admin enter invalid option** | **Display invalid, allow admin to try again** |  |  |
| **Admin enters the details of the article to be published** | **Admin enters all the article details** | **Allows admin to publish the article and stores it in the database** | **1.Admin enter all the fields**  **2.The data stored in the database successfully** |  |
| **Admin try to publish without entering the article details** | **Admin doesn’t enter all the article detials** | **The “publish article” button will not be enabled** |  |  |