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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TEST CASE ID** | **TEST SCENARIO** | **TEST CASE** | **PRE-CONDITION** | **TEST STEPS** | **TEST DATA** | **EXPECTED RESULT** | **POST CONDITION** | **ACTUAL RESULT** | **STATUS (PASS / FAIL)** |
| TC\_002 | Verify that a registered user can log in with valid credentials | User Login with valid credentials | User account exists and is active | 1. Click Login button on library home page 2. Click individual login, Enter valid credentials 3. Submit the Login form | 1. Email: Prabhath.Chathuranga@gmail.com 2. Password: \*\*\*\*\*\*\*\*\*\*\*\*\* | User is successfully logged in and redirected to the homepage | User is logged in | User is successfully logged in and redirected to the homepage | Pass |
| TC\_003 | Verify that users can search for content using the search bar | Search with valid keywords | User should be in library home page | 1. Enter a keyword in the search bar 2. Click the “Search” button | 1. Keyword: machine learning | Search results related to the keyword are displayed | Relevant results are displayed | Displayed Search results related to the “machine learning “  keyword | Pass |
| TC\_004 | Verify that users can use advanced search options to filter results | Advanced Search with specific filters | User should be in library home page | 1. Click advanced search button 2. Enter search context (e.g., Search term, author, publication date) 3. Click the “Search” button | 1. Machine Learning Algorithms and Applications 2. 13 August 2021 | Filtered search results are displayed | Filtered search results displayed targeted book | Displayed Search results related to the filtered data “Machine Learning Algorithms and Applications” | Pass |