“Open Library” Website STD document

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**STD**

Version: 3cb7cfe

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**1.Introduction**

The Open Library website is a digital platform created with the mission to provide free and universal access to all knowledge. An initiative of the Internet Archive. This ambitious project offers millions of books, including many rare and out-of-print titles, available for reading and borrowing. With a user-friendly interface, it allows users to browse, search, and read a vast collection of books online. Additionally, it allows users to contribute by adding new books, correcting information, and enhancing the database, making it a comprehensive and constantly evolving resource for readers, researchers, and book lovers worldwide.

**2.Traceability Table**

| Requirement ID | Requirement  Description | Test Case/Script ID | Test Case/Script Description |
| --- | --- | --- | --- |
| 1 | The system shall allow user login using valid details | Test Case-7 | log in with valid email and password |
| 2 | The system shall handle invalid login | Test Case-6 | log in with invalid email address |
| 3 | The system shall allow searching for book by name | Test Case-9 | search for a book by name |
| 4 | The system shall allow filtering the search | Test Case-10 | search for an author |
| 5 | The system shall show a random book | Test Case-1 | viewing random book |
| 6 | The system shall show a trending books by filter | Test Case-2 | viewing the all-time trending books |
| 7 | The system shall allow user to add a note to certain book | Test Case-3 | add note to a book |
| 8 | The system shall allow user to rate a book | Test Case-8 | rate a book as best rating |
| 9 | The system shall allow user to borrow book if available | Test Case-4 | Borrow a book |
| 10 | The system shall allow user to edit the display name | Test Case-5 | edit the display name of registered user |

3.Test cases

















