**Test Cases**

**Test Case: 1 Test Case Name:** drawing features

**System:** Book recommendation system **Subsystem:** KNN Search

**Designed by:** Aryaman Kalia **Design Date:** 20-11-22

**Executed By:** Aryaman Kalia **Execution Date:** 21-11-22

**Short Description:** to check recommendation on the base of Book entered

**Pre-conditions**

1. User has the software installed
2. Has a latest browser
3. No files should be missing

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Step | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| 1. | Go to http://127.0.0.1:5000/ | Get request is issued and in reciprocation Post request is sent by the server and html webpage appers | Pass | Fine |
| 2. | Enter “The Hamlyn complete knitting course” in the Book title option | For this KNN request is issued and is shown by the “loading” on the top | Pass | None |
| 3. | Waiting for the Result | The Webpage appears with the results of “Book Title , Author , Mean Distance” | Pass | None |
|  |  |  |  |  |

**Test Cases**

**Test Case: 2 Test Case Name:** SVD Recommendation

**System:** Book Recomender System **Subsystem:** SVD

**Designed by:** Vasu Verma **Design Date:** 20-11-22

**Executed By:** Vasu Verma **Execution Date:** 21-11-22

**Short Description:** Recommendations on base of user id

**Pre-conditions**

1. User has the software installed
2. Has a latest browser
3. No files should be missing

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Step | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| 1. | Go to http://127.0.0.1:5000 | Get request is issued and in reciprocation Post request is sent | Pass | NONE |
| 2. | Go to top right option where SVD is written | The page <http://127.0.0.1:5000/svdIndex>  Is opened | Pass | NONE |
| 3. | Enter User id in the dialog box | After waiting for the results the results page appear with Book recommendations. | Pass | NONE |

**Post Conditions:**

NONE

**Test Case: 3 Test Case Name:** Spelling mistake

**System:** Book Recommendation system using KNN **Subsystem:** KNN

**Designed by:** Rajneesh **Design Date:** 20-11-22

**Executed By:** Rajneesh **Execution Date:** 21-11-22

**Short Description:** what happens when the book title is entered wrong

**Pre-conditions**

1. User has the software installed
2. Has a latest browser
3. No files should be missing

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Step | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| 1. | Go to http://127.0.0.1:5000/ | Get request is issued and in reciprocation Post request is sent | Pass | NONE |
| 2. | Enter “The Hhamlyn complete knitting course” in the Book title option | For this KNN request is issued and is shown by the “loading” on the top .After waiting for the results the results page appear with Book recommendations. | Fail | Error message should be shown |

**Post Conditions:**

NONE

**Test Case Report**

**Executed Test Cases:** 3

**Failed Test Cases:** 0

**Passed Test Cases:** 0

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Functions** | **Description** | **%TCs Executed** | **%TCs Passed** | **TCs Pending** | **Priority** |
| 1. KNN function | to check recommendation on the base of Book entered. | 3 | 3 | 0 | HIGH |
| 2.SVD function | Recommendations on base of user id | 3 | 3 | 0 | HIGH |
| 3 spelling mistake in KNN | what happens when the book title is entered wrong | 2 | 1 | 0 | HIGH |