**StuDocu Mobile App Test Presentation:**

**Test Scenario’s for StuDocu Mobile App:**

**Note: In Automation only functional tests are covered and not the GUI and Non-Functional related tests.**

**Search Book**

1. **Search by ISBN:**
   * Input a valid ISBN number in the search bar.
   * Verify user navigated to search result Page
   * Search result is not empty and size should be (greater Than 1)
   * Verify that the search results contain the book associated with that ISBN.
2. **Search by BookName:**
   * Input a Random Book name keyword in the search bar. (eg: MacBook)
   * Verify user navigated to search result Page
   * Search result is not empty and size should be (greater Than equals to 1)
   * Verify that the search results is accurate and contains the book associated with that search keyword (eg:MacBook)

### Adding Books to Lists:

1. **Adding to Currently Reading from Search Result, Book Details Page:**
   * Click on the "Add to Currently Reading Icons" for a book
   * Verify that the book is added to the currently reading list.
   * Ensure the book appears in the Currently Reading list with accurate details. (Compare Book Title from Search Page to ensure user accessing same book)
2. **Adding to Wish List from Search Result Page, Book Details Page:**
   * Click on the "Add to Wish List Icon" of a book on search result page
   * Verify that the book is added to the Wish list (There is no separate wish list to verify if book added to that list).
   * Ensure wish list icon is turned to Blue colour if it’s added to wish list

### Accessing and Managing Lists:

1. **Access Currently Reading Book List:( Access from Search Result Screen, Book Details Screen and compare the book details from both screen):**
   * Navigate to the currently reading list section
   * Verify that the book above added to the currently reading list is present in List
   * Ensure the book appears in the Currently Reading list with accurate details. (Compare Book Title of currently reding list with Search Result Page & Book Details Page to ensure user accessing correct book)
2. **Remove Book from Lists: :( Remove from Search Result Screen, Book Details Screen and verify Currently Reading list is empty)**
   * Remove Book from the Currently Reading list (using Search Result, Book Details screens and validate the currently reading list is empty, that book is not present)
   * Remove Book from the Wish List (using Search Result, Book Details screens and validate the wish list icon is no more highlighted with blue colour

**Displaying Book Details:**

1. **Open Book and verify details, compare it with Search Result screen details:**
   * Open 1st book from the above book search results list
   * Verify that the book details page opens.
   * Ensure all relevant details about the book (title, author, ISBN, Summary etc.) are correctly displayed.
   * Compare the opened book details from the search result book details for accuracy
2. **Non-Functional Tests:**

**Negative use case:**

* + Enter a book title that does not exist in the database and click the search button.
  + Enter an invalid ISBN and click the search button.
  + Enter an empty string for the book title and click the search button.
  + In All the above cases, no Search Result message should be shown to user

**GUI and Other use cases:**

* + Ensure Text and Image alignments are display properly and they should follow the design standards
  + All the given buttons are clickable and navigate to relevant screens
  + Check the navigation of screens to understand user experience
  + Check the numbers of records displays are accurate
  + Check the page scrolling to view next set records
  + Test the app on various devices with different screen sizes, resolutions, OS versions, and manufacturers.
  + Validate compatibility across iOS and Android platforms.
  + Check the portrait vs landscape app behaviour (scrolling, navigation etc.)
  + Check the app performance on different network simulations (slow, fast)
  + Check if app send crash report (in case of app crash if user accepts)
  + Check the installation/uninstallation behaviour
  + Check the version upgrade behaviour, data shouldn’t be loss
  + Verify the app's behaviour in offline mode (if applicable) and ensure offline data syncing works as expected once online.
  + Verify the app requests necessary permissions only when needed and handles user permission responses appropriately
  + Verify the app's behaviour with different languages, character sets, and locales.
  + Ensure proper localization of content and date/time formats.