Library Management System

Group Members :
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Technology Used :

- HTML
- CSS
- Python
- MySQL
- Python Django Web Framework
- Jinja Template

Functionalities of Software :

➔ **User Signup/Login**

➔ **Searching of Books**

➔ **Adding Books in to Library Management System**

➔ **Deleting or Editing Books Data**

➔ **Adding Students**

➔ **Deleting or Editing Students Data**

➔ **Issuing a Book to Students with their ID Number.**

➔ **Checking of Issued Books**

Types of Testing Covered on This Website :

1. **Usability Testing**

   - **Overall Usability of this Wesbites is tested, which includes testing experience of the website, navigation to various pages on the website from end user's point of view.**

Types of Testing Covered on This Website :

2. Functional Testing

- **As a part of this testing, i focused on testing all major functionalities of this website such as login, signup, adding books, adding users, deleting books, checking books status etc.**

Types of Testing Covered on This Website :

3. Compatibility Testing

- **For completing compatibility testing i tested this website on different browsers and also tested it with different size of browser.**
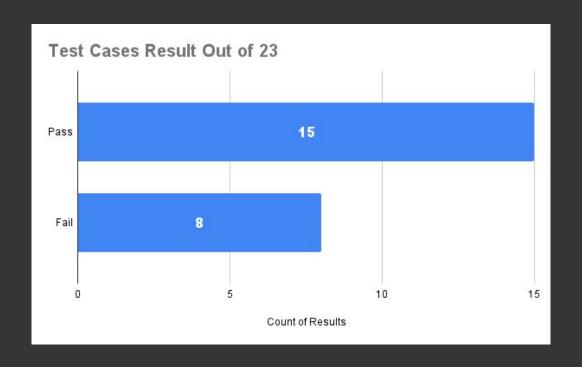
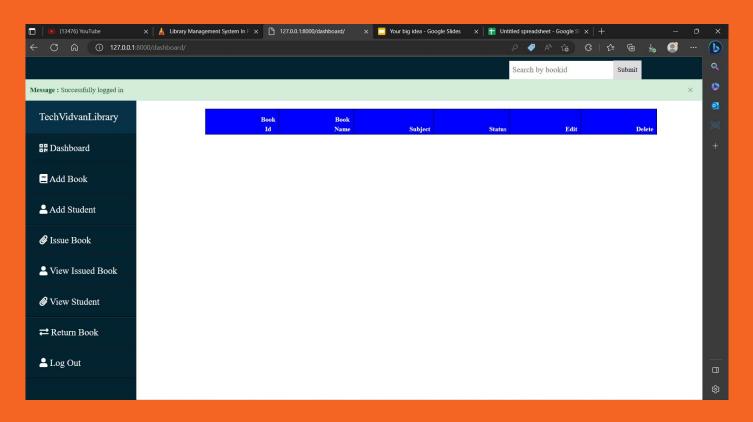# Types of Testing Covered on This Website :

4. System Testing

- At the end again i tested a system as a whole, how different modules of the website is working together and store the data and process the data.
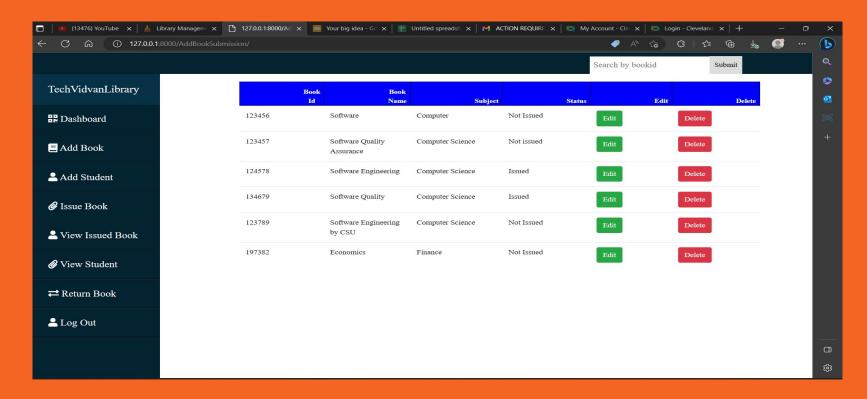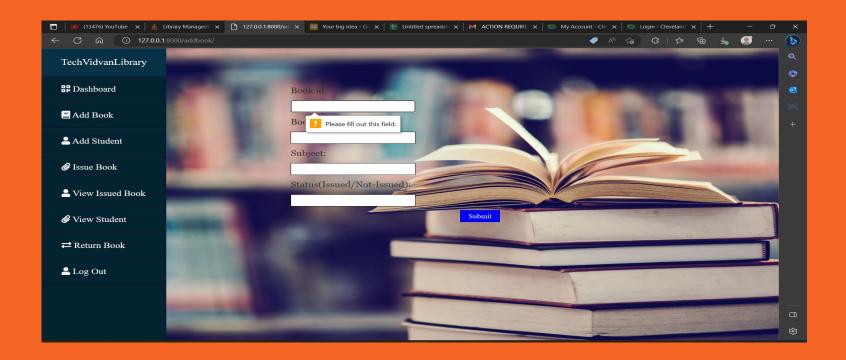
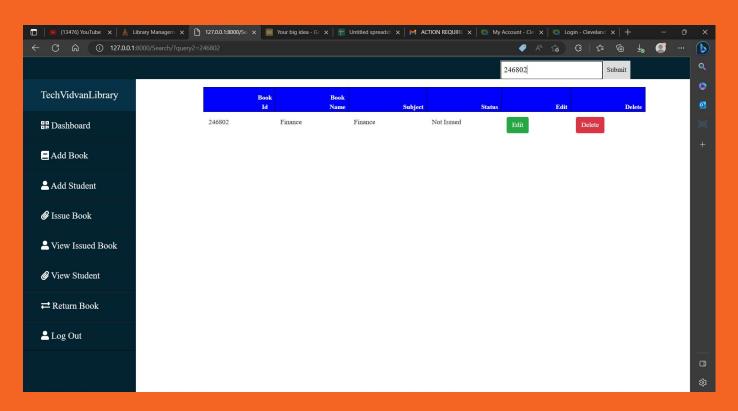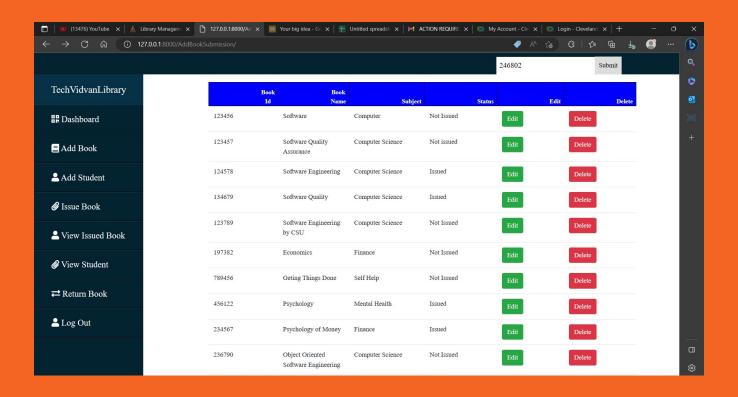# WHAT ARE THE TESTING RESULTS ❓

Results of Test Cases :

Test Cases Result Out of 23

Time for the Screenshots :

After Login Screen

Time for the Screenshots :

Added Few Books

Time for the Screenshots :

Adding a Book Function

Time for the Screenshots :

Website won't allow me to add book without entering data

Time for the Screenshots :

Searching of the book

Time for the Screenshots :

List of books

Defects Found in Website :

→ UI of the Website Can be Improved.
→ Filter Can be Added for Showing Some amount of Books.
→ Editing and Deleting Options for Student's Data Can be Provided.
→ Deleting or Editing Books Data.
→ Status (Issued/Not-Issued) of the Books can be improved.

Thank You for Your Time