

Library Application

Problem Statement

A college needs software for students to request books on rent from the library. Using the application, students can browse the books and request them online for rent.

The software will be having 2 types of login, one for students and another for the librarians. Librarian are responsible for approving and rejecting the book's rent request from the students.

You have to write the test case for the above explained software, considering the below mentioned use cases.

Time Limit: 5 hours 30 mins

Actors

- Student: To request book for rent
- Librarian: To approve or reject the student request for a book

Use Cases

Student

1. Student can register on the portal by using the following information
 - a. Name
 - b. Email
 - c. Password
2. Student can login into the portal using email and password
3. Student can see the list of books available in his library
4. Student can search book available in library by following parameters:
 - a. Book name
 - b. Author name
5. Student can view the book detail and request the book on rent
6. Student will have a profile section in the portal, where he can see following things:
 - a. His profile
 - b. Books he rented: list of books he already rented
 - c. His Book rent request: list of requests he has placed to rent books

Librarian

1. Librarian can login into the application using email and password
2. Librarian can view the book rent request from students
3. Librarian can approve or reject the book requests from students

4. Librarian can view, modify and make the status (unavailable and available) of all the added books
5. Librarian can add a new book by filling following details:
 - a. Book name
 - b. Book description
 - c. Author name

Assignments to be done

You have to share all the documents in word format uploaded on google drive, all the documents should have edit access.

1. Understanding the project scenario and use cases (30 min)
2. Prepare the Test Plan document (2 hours)
3. Prepare the Test Scenario document for the above given use case (1 hours)
4. Make the test cases of the above given scenario (2 hours)