Library CT

LMS Solution

Cybertek

Library CT

What does this company do?

*Provide Highly scalable library management system (**LMS**) solution*

*They **targeted** academic, special, public, and education librarians*

*To make the libraries **manage**, **circulate**, and **catalog** different **materials easily***

Credentials link: *https://docs.google.com/spreadsheets/d/1d6HFwOJeY3tXgPI2Cu4OKZ8MtHd7a9QM7FlrjwyLguw/edit?usp=sharing*

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What does your project's purpose? What are the features are available?

- **User management**

  - Add / delete / update a user info [librarian, students]

  - Member status [Active vs Inactive]

- **Book management**

  - Add / delete / update a book

  - Book Categories: Drama, Fantasy, Humor etc

- **Search library materials**

  - Search functions

  - Filter by name, author, category, year..

- **Borrow & return books**

- **Time tracking**

  - borrowed date & time

  - Returned date & time

  - return status

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User Story 1   Create total 3 test cases , 1 test execution on jira

As a user, I should be able to **login** to LibraryCT.

AC #1:

Given librarian is on the loginPage

Then verify that the title is "**Login - Library**"

When librarian enters valid email address and password

And librarian click sign in button

Then verify that there are **3 models** on the page

AC#2:

Given student is on the loginPage

Then verify that the URL is

        "https://library2.cybertekschool.com/login.html"

When student enters valid email address and password

And student click sign in button

Then verify that there are **2 models** on the page

AC #3 [negative]:

Given user is on the loginPage

When user enters **invalid** email address or password

And student click sign in button

Then verify the error message "Sorry, Wrong Email or Password"

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User Story 2   Create total 1 test cases , 1 test execution on jira

As a librarian, I should be able to add a new user.

AC #1:

Given librarian is on the homePage
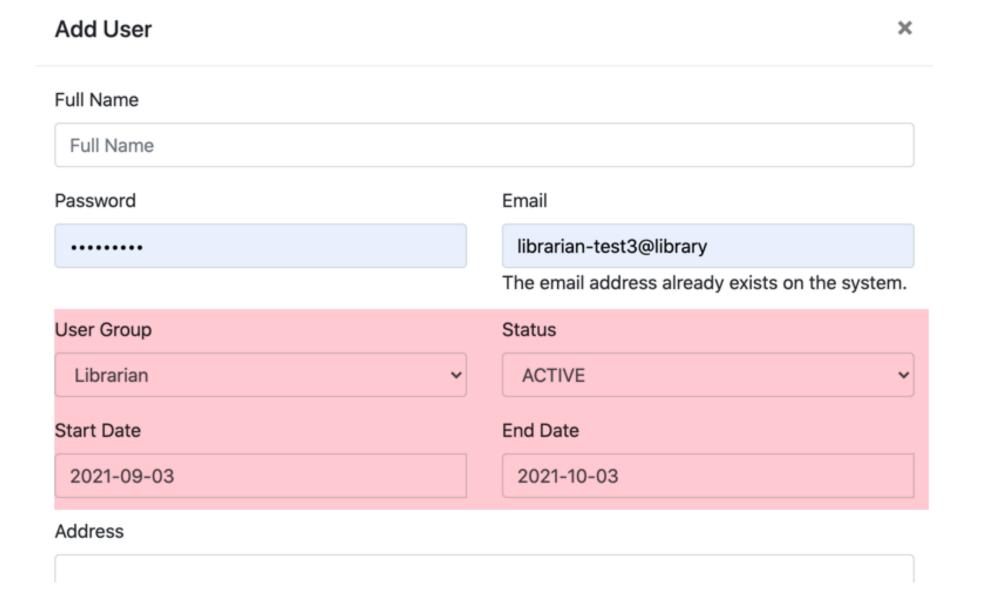
When librarian click Users module

And librarian click **"+Add User"** button

When librarian enter **full name, password, email and address**

And librarian click **save changes**

Then verify a new user is created

Note: To add new user, the user group, status, date part automation is not covered yet, you can skip it.

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User Story 3   Create total 1 test cases , 1 test execution on jira

As a librarian, I should be able to add a new user.

AC #1:
Given librarian is on the homePage
When librarian click **Books** module
And librarian click **"+Add Book"** button
When librarian enter **BookName, ISBN, Year, Author, and Description**
And librarian click **save changes**
Then verify a new book is added

Note: Book category part automation is not covered yet, you can skip it.

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Assignment to do list:

▨ **Clean the jira Backlog** by moving all the tickets to Sprint 1

▨ EACH STUDENT **creates 3 user stories** & **their** **test cases** **on jira**

   [watch the short video sample]

▨ **Manually test** all the test cases by creating test executions for each story

▨ **Create a new maven project** for LibraryCT & **automate all the test cases**

   [GroupID: com.LibraryCT]

   [ArtifactID: LibraryCT]

▨ **Due date** till the student complete the task

▨ Mentors are not aware of this assignment, if you have any question, please

reach out Asiya

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