E-Library

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**Description of project:** E-library will provide pdf files of academic courses of English medium, Bengali medium, English version and Undergrad programs. It will also provide notes and slides of different teachers and also will provide question bank.

**Project Features:**

1. User Validation

2. Question Bank

3. Books

4. Notes & Slides

5. Search

6. Blog

7. Google Map

**Features Description:**

**User validation:** First, students and teachers will have to sign up with valid information to create an account. User can log in with email or username and password. If the user forgot their password they can also recover their password.

**Question Bank:** Teacher can upload previous year questions on his account. As a student they want to collect all previous year questions for practice.

**Books:** English medium, Bengali medium, English Version and Undergrad program books pdf are available here**.**so thatstudent can easily read this pdf version books or also they can download pdf version books.

**Notes & Slides**: Student and Teacher can upload important notes and slides so that other student or teacher can easily collect notes and slides to study.

**Search:** As a student or teacher they can search for pdfs or notes and slides and questions  
in order to study and practice problem.

**Blog:** student or teacher can write a blog so that other student can get a help if they face problem by reading blog.

**Google Map:** There are two issues

**Finding Area:** Student can find location where the teachers are available to help them.

**Contact:** Student and teacher can contact to get a help regarding to website issues.

**Using Software: iceScrum**

**Using Tools:**

**HTML5**

**CSS3**

**BOOTSTRAP4**

**JAVASCRIPT**

**MYSQL**

**PHP**

**Sprint 01:**

**Features:** User validation

**Story1:** Student Login

**Description:** Student wants to login in the web in order to get all the services like post in blog and read and write the books and notes. They can also download book pdfs and important notes and slides.

**Tasks:**

Create UI design with HTML, CSS, BOOTSTRAP and JAVASCRIPT.

Create database for student login page and deploy the database in XAMPP software

Develop the student login page with PHP using MYSQL database.

Testing the page for different possibilities and may use a testing software.

After the testing, go to the next stories.

**Story2:** Teacher Login

**Description:** Teacher can login in order to provide notes and slides and solve problems if students face difficulties.

**Tasks:**

Create UI design for Teacher login page with HTML, CSS, BOOTSTRAP and JAVASCRIT and give the option of username and password for login.

Create database for Teacher login page to develop and deploy the database in XAMPP software.

Develop this page with PHP and MYSQL database.

Test the page with different type username and password.

Give a quick review and go to the next stories

**Story3:** Forget password

**Description:** Student and Teacher can reset their password if they forgot their password.

**Tasks:**

Create user interface for forget password page first. Give mail and new password and confirm password option to the user in case of forgetting password.

Update the database after taking the new password again.

Develop the page with PHP code for update in database.

Testing the page with new password that the user update.

Review the page with testing.

**Story4:** Profile

**Description:** As a teacher they have a profile to introduce themselves and student can check teacher profile.

**Tasks:**

Create user interface for teachers profile using HTML, CSS, BOOTSTRAP and JAVASCRIPT  
design should be user friendly. Give a button to update profile.

Create database for teachers profile page and deploy the database in XAMPP software.

Write PHP code for developing the page.

Testing the page for different login inputs, if any problem seen there, send it to the developing part.

Review the page with testing.

**Story5:** Logout

**Description:** As a user they can Logout.

**Tasks:**

Create UI design for logout page using HTML,CSS, BOOTSTRAP and JAVASCRIPT.

Create MYSQL database.

Develop this page with PHP server code.

Testing the page.

Review this page if face any difficulties then send it to developer team.

**Features:** Google Map

**Story1:** Contact

**Description:** As a student or teacher they will contact in order to get help regarding to website issues.

**Tasks:**

Create user interface for contact page using HTML,CSS ,BOOTSTRAP, and JAVASCRIPT. provide a space for GOOGLE MAP, and messaging option to build up a communication between users and admin.

Create database for contact page and deploy the database in XAMPP software.

Develop the page with PHP code.

Check if the page is working properly for different possibilities input or not but in manually and if possible use any testing software tools.

After all of this, give a quick review and write the acceptance test for this page