



IT314 -Software Engineering Project
LAB 3: TASK-2
Develop the Product Backlog
Group-18

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1. User Story: Login

Priority: Must have

Front of the Card:

- **Title:** Login
- **User Story:**
 - **As a** user,
 - **I want to** log in to the system,
 - **So that** I can access my profile, courses, and other functionalities.

Back of the Card:

Success

1. Valid user logged in and redirected to the home page.
 - a. 'Remember me' ticked – store cookie/automatic login next time.
 - b. 'Remember me' not ticked – force login next time.

Failure

1. Display error message:
 - a. "Email address in wrong format."
 - b. "Unrecognized username, please try again."
 - c. "Incorrect password, please try again."
 - d. "Service unavailable, please try again."
 - e. "User Account is no longer exist."

2. User Story: Course Registration

Priority: Must have

Front of the Card:

- **Title:** Course Registration
- **User Story:**
 - **As a student,**
 - **I want to** register for courses,
 - **So that** I can attend classes and access related materials.

Back of the Card:

Success

1. Course successfully registered, and confirmation provided.
 - a. Student receives confirmation email and course added to profile.

Failure

1. Display error message:
 - a. "Prerequisites not met, unable to register."
 - b. "Course full, registration not possible."
 - c. "System error, please try again later."

3. User Story: View Registered Courses

Priority: Could have

Front of the Card:

- **Title:** View Registered Courses
- **User Story:**
 - **As a student,**

- **I want to** view the courses I have registered for,
- **So that** I can manage my academic activities.

Back of the Card:

- **Success:**
 1. All registered courses displayed correctly in the student's profile.
 - a. Course names, schedules, and instructor details are accurate.
 - b. Courses update in real-time when changes occur.
- **Failure:**
 1. Display message:
 - a. "Unable to retrieve course information, please try again later."
 - b. "No courses registered under your account."

4. User Story: Access Notes

Priority: Could have

Front of the Card:

- **Title:** Access Notes
- **User Story:**
 - **As a** student,
 - **I want to** access notes for my courses,
 - **So that** I can study and prepare for tests.

Back of the Card:

- **Success:**
 1. Notes are displayed correctly for all registered courses.
 - a. Notes are downloadable.

- b. Notifications sent when new notes are added.
- **Failure:**
 1. Display message:
 - a. “No notes available for this course.”
 - b. “Failed to load notes – please check your internet connection.”

5. User Story: Access Tests

Priority: Should have

Front of the Card:

- **Title:** Access Tests
- **User Story:**
 - **As a** student,
 - **I want to** view upcoming test schedule and access previous tests,
 - **So that** I can prepare accordingly and review past performances.

Back of the Card:

- **Success:**
 1. Tests are accessible and can be taken or reviewed.
 - a. Upcoming tests are listed with dates and instructions.
 - b. Previous test results are accessible with detailed feedback.
- **Failure:**
 1. Display message:
 - a. “Test not available – please check with your instructor.”

- b. “Failed to load test details – please try again later.”

6. User Story: Fees Payment

Priority: Must have

Front of the Card:

- **Title:** Fees Payment
- **User Story:**
 - **As a** student,
 - **I want to** pay my course fees online,
 - **So that** I can complete my registration without delays.

Back of the Card:

- **Success:**
 1. Payment processed successfully.
 - a. Payment confirmation displayed and emailed.
 - b. Payment details updated in the student’s account.
- **Failure:**
 1. Display message:
 - a. “Payment failed – please check your payment details.”

7. User Story: Submit Assignments

Priority: Should have

Front of the Card:

- **Title:** Submit Assignments
- **User Story:**
 - **As a** student,
 - **I want to** submit my assignments,
 - **So that they** can be graded.

Back of the Card:

- **Success:**
 1. Assignment submission is successful.
 - a. File is uploaded and visible in the submitted assignments list.
 - b. Confirmation email sent to the student.
- **Failure:**
 1. Display message:
 - a. “File format not supported – please upload in PDF/Word format.”
 - b. “Submission deadline has passed – unable to submit.”

8. User Story: View profile

Priority: Must have

Front of the Card:

- **Title:** View Profile
- **User Story:**
 - **As a** user,
 - **I want to** view my profile,
 - **So that** I can see my personal information and registered courses.

Back of the Card:

- **Success:**
 1. Profile information is displayed accurately.
 - a. Students can view academic history, ongoing courses, and personal details.
 - b. Profile data is up-to-date and reflects recent changes.
- **Failure:**
 1. Display message:
 - a. “Failed to load profile details – please try again later.”
 - b. “Profile data not found – please contact support.”

9. User Story: Password Update

Priority: Should have

Front of the Card:

- **Title:** Password Update
- **User Story:**
 - **As a** user,
 - **I want to** update my password,
 - **So that** I can maintain the security of my account.

Back of the Card:

- **Success:**
 1. Password is updated successfully.
 - a. The user is notified of the change and redirected to the login page.

- b. Password meets security criteria and is stored securely.
- **Failure:**
 1. Display message:
 - a. “Password does not meet security requirements.”
 - b. “Password update failed – please try again later.”

10. User Story: Attendance

Priority: Must have

Front of the Card:

- **Title:** Attendance
- **User Story:**
 - **As a** student,
 - **I want to** view my attendance records,
 - **So that** I can ensure my presence is tracked accurately.

Back of the Card:

- **Success:**
 1. Attendance records are displayed accurately.
 - a. Students can view attendance history for each course.
 - b. Notifications sent to students with low attendance.
- **Failure:**
 1. Display message:
 - a. “Failed to load attendance records – please try again later.”
 - b. “Attendance data not available – please contact your instructor.”

11. User Story: Edit Profile

Priority: Should have

Front of the Card:

- **Title:** Edit Profile
- **User Story:**
 - **As a** student,
 - **I want to** update my profile,
 - **So that** I can keep my information up-to-date.

Back of the Card:

- **Success:**
 1. Profile is updated successfully.
 - a. Changes are reflected immediately and saved securely.
 - b. Confirmation message sent to the user.
- **Failure:**
 1. Display message:
 - a. “Failed to update profile – please try again later.”
 - b. “Invalid data input – please correct and try again.”

12. User Story: Chat (Classroom and Private)

Priority: Must have

Front of the Card:

- **Title:** Chat (Classroom and Private)
- **User Story:**
 - **As a** user,

- **I want to** participate in classroom and private chats,
- **So that** I can communicate with peers and instructors.

Back of the Card:

- **Success:**
 1. Chat messages are sent and received without issues.
 - a. Messages appear in real-time in both classroom and private chats.
 - b. Chat history is saved and can be accessed later.
- **Failure:**
 1. Display message:
 - a. “Failed to send message – please try again.”
 - b. “Chat history not available – please check your connection.”

13. User Story: Technical Support

Priority: Must have

Front of the Card:

- **Title:** Technical Support
- **User Story:**
 - **As a** user,
 - **I want to** access technical support,
 - **So that** I can resolve issues with the system.

Back of the Card:

Success:

1. A confirmation message is displayed: "Your request for technical support has been submitted successfully."
2. The system provides an estimated response time for when support will get back to the user.
3. The user receives an email confirmation with the support request details.

Failure:

1. Display an error message if the support request fails to submit:
 - "Unable to submit your support request at this time. Please try again later."
2. Display an error message if the user's contact information is invalid or incomplete:
 - "Please provide valid contact information to submit your support request."
3. If the support system is down or unavailable, display an appropriate error message:
 - "Technical support is currently unavailable. Please try again later or contact us through alternative means."

14. User Story: Notifications/Reminders

Priority: Should have

Front of the Card:

- **Title:** Notifications/Reminders
- **User Story:**
 - **As a** user,
 - **I want to** receive notifications and reminders,

- **So that** I stay informed about important events and deadlines.

Back of the Card:

- **Success:**
 1. Notifications are sent and received promptly.
 - a. Students can view and manage notifications in the notification center.
 - b. Reminders for important dates/events are sent on time.
- **Failure:**
 1. Display message:
 - a. “Failed to load notifications – please try again later.”
 - b. “Notification service unavailable – please try again later.”

15. User Story: Course Allotment (Administrator)

Priority: Must have

Front of the Card:

- **Title:** Course Allotment
- **User Story:**
 - **As an** administrator,
 - **I want to** allocate courses based on instructors' requirements,
 - **So that** the course offerings are properly managed.

Back of the Card:

- **Success:**

1. Courses are allotted successfully to instructors.
 - a. Course allotment conflicts are detected and resolved.
 - b. Instructors receive confirmation of their allotted courses.
- **Failure:**
 1. Display message:
 - a. “Failed to allot a course – please try again later.”
 - b. “Course allotment conflict – please resolve before proceeding.”

16. User Story: Request Scholarship

Priority: Could have

Front of the Card:

- **Title:** Request Scholarship
- **User Story:**
 - **As a** student,
 - **I want to** apply for a scholarship,
 - **So that** I can reduce my financial burden.

Back of the Card:

- **Success:**
 1. Scholarship application is submitted successfully.
 - a. Students receive confirmation and tracking details of their application.
 - b. Application status is updated regularly, with notifications for any changes.
- **Failure:**

1. Display message:
 - a. “Failed to submit application – please try again later.”
 - b. “Incomplete application – please complete all fields before submitting.”

17. User Story: Reports (Administrator)

Priority: Must have

Front of the Card:

- **Title:** Reports
- **User Story:**
 - **As an** administrator,
 - **I want to** generate reports on various aspects of the system,
 - **So that** I can analyze data and make informed decisions.

Back of the Card:

- **Success:**
 1. Reports are generated and accessed successfully.
 - a. Reports are customizable, and can be exported in various formats.
 - b. Scheduled reports are generated automatically and delivered as expected.
- **Failure:**
 1. Display message:
 - a. “Failed to generate report – please try again later.”
 - b. “Report customization failed – please review your settings.”

Product backlog:

- **Login**
- **View Profile**
- **Course Registration**
- **Fees Payment**
- **Technical Support**
- **Attendance**
- **Chat(Classroom and Private)**
- **Course Allotment**
- **Report**
- **Access Tests**
- **Submit Assignments**
- **Password Update**
- **Edit Profile**
- **Notifications/Reminders**
- **View Registered Course**
- **Access Notes**
- **Request Scholarship**