

Apollo



Sprint 2 Manual Tests

Team 4

Jacob Beene

Ali Darwish

Brandon Jiang

Edward Potapov

Daniel Sowers

Saimonish Tunguturu

Manual Tests

User Story #13

As a user, I want to see a description of the course on its homepage.

Test 13.1

Severity: 3 (detailed)

Instructions:

- Start server
- Start frontend
- Navigate to <http://localhost:3000>
- Click the search bar
- Search and click on a class

Expected Result

- The course homepage displays a description about the course

User Story #14

As a professor, I want to be able to add my own thoughts about a course in a designated thread on a course homepage.

Test 14.1

Severity: 3 (detailed)

Instructions:

- Start server
- Start frontend
- Navigate to <http://localhost:3000>
- Login or signup into a professor verified account
- Click the search bar
- Search and click on a class
- Create or edit thread with title and body
- Be able to submit and have it displayed on the homepage

Expected Result

- A new thread will be displayed in the respective course homepage

Test 14.2

Severity: 3 (detailed)

Instructions:

- Start server
- Start frontend
- Navigate to <http://localhost:3000>
- Login or Signup into student account
- Click the search bar
- Search and click on a class
- Check if student account is able to edit, comment, or create a thread under the professor's thread section

Expected Result

- The student account should not have access to the professor's thread section

User Story #15

As a professor, I want to be able to upload other resources about a course.

Test 15.1

Severity: 2 (general)

Instructions:

- Start server
- Start frontend
- Navigate to <http://localhost:3000>
- Login as a professor
- Search and click on a class
- Upload a document chosen from local machine

Expected Result

- The course homepage will now display the document uploaded by the professor.

User Story #16

As a professor, I want to be able to upload an up to date PDF of a course syllabus.

Test 16.1

Severity: 2 (general)

Instructions:

- Start server
- Start frontend
- Navigate to <http://localhost:3000>
- Login as a professor
- Search and click on a class
- Upload a syllabus chosen from local machine

Expected Result

- The course homepage will now display the syllabus uploaded by the professor.

User Story #17

As a user, I want to be able to see the professor(s) for a course on its respective homepage.

Test 17.1

Severity: 2 (general)

Instructions:

- Start server
- Start frontend
- Navigate to <http://localhost:3000>
- Login as a professor
- Search and click on a class
- Professor will be viewable in the course homepage

Expected Result

- The course homepage will now display the list of professors

User Story #18

As a user, I want to see the grade distributions of the most recent semester in a chart showing the percentages of different grades obtained in the course.

Test 18.1

Severity: 3 (detailed)**Instructions:**

- Start server
- Start frontend
- Navigate to <http://localhost:3000>
- Click the search bar
- Search and click on a class
- Check if a barchart revealing the grade distribution with average annotation

Expected Result

- The course homepage would display have a bar chart at the bottom for every course

User Story #19

As a user, I want to be able to see what semesters a course is most frequently offered.

Test 19.1**Severity: 2 (general)****Instructions:**

- Start server
- Start frontend
- Navigate to <http://localhost:3000>
- Login as a professor
- Search and click on a class
- The most frequently offered semester for the search will be displayed in the course homepage.

Expected Result

- The course homepage will now display the most frequently offered semesters for a course.

User Story #20

As a user, I want to be able to see a course's times, locations, and professors for the current semester.

Test 20.1**Severity: 2 (general)**

Instructions:

- Start server
- Start frontend
- Navigate to <http://localhost:3000>
- Login as a professor or student
- Search and click on a class
- All the requested information will be displayed on the course homepage

Expected Result

- The course homepage will now basic information about the given course

User Story #21

As a user, I want to see the ratings / reviews for a course.

Test 21.1**Severity: 1 (critical)****Instructions:**

- Start server
- Start frontend
- Navigate to <http://localhost:3000>
- Login or signup with account
- Click the search bar
- Search and click on a class
- Click on ratings/reviews section and type in a review title, a body, and click on one of the number of stars out of 5
- Click submit

Expected Result

- The course homepage displays the review just posted

User Story #24

As a user, I want to be able to favorite classes that I have interest in.

Test 24.1**Severity: 2 (general)****Instructions:**

- Start server
- Start frontend
- Navigate to <http://localhost:3000>
- Login as a user
- Search and click on a class
- Select the class as a favorite

Expected Result

- Users will now be able to add a course to their favorites list

User Story #26

As a user, I want to see the difficulty level (based on their ratings) of pairing this course with a course I choose.

Test 26.1

Severity: 2 (general)

Instructions:

- Start server
- Start frontend
- Navigate to <http://localhost:3000>
- Login as a student
- Search and click on a class
- View the difficulty level after pairing with another course

Expected Result

- Students will now be able to view difficulty ratings of a combination of courses

User Story #30

As a user, I want to be able to view the menu for a specified dining court.\

Test 30.1

Severity: 3 (detailed)

Instructions:

- Start server
- Start frontend
- Navigate to <http://localhost:3000>

- Click the search bar
- Search and click on a dining court

Expected Result

- The dining court page should display an updated menu

User Story #31

As a user, I want to be able to view the hours for a specified dining court.

Test 31.1**Severity: 3****Instructions:**

- Start server
- Start frontend
- Navigate to <http://localhost:3000>
- Click the search bar
- Search for a dining court
- Click on it

Expected Result

- The dining court homepage should display the hours for that dining court

User Story #36

As a user, I want to be able to switch between light and dark mode

Test 36.1**Severity: 2****Instructions:**

- Start server
- Start frontend
- Navigate to <http://localhost:3000>
- Toggle the switch in the top right of the homepage

Expected Result

- The theme should switch to dark mode

Test 36.2

Severity: 2**Instructions:**

- Perform Test 36.1
- Perform the following and check for expected result after each
 - Reload the page
 - Close the page and open it again
 - Login / logout

Expected Result

- The theme should persist as dark mode

User Story #48

As a user, I want to be able to view other users' profile pages when I click on their name

Test 48.1**Severity: 2****Instructions:**

- Start server
- Start frontend
- Navigate to <http://localhost:3000>
- Click the search bar
- Scroll down to threads
- While there are no threads, navigate to another course and check for threads
- Once you've found a thread, click on the username

Expected Result

- Redirected to that user's profile page