

System and Unit Test Report

Project: Slug Study

Team: Slug Study

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User Scenarios

Story: As a user, I want to create an event file to email to the student I'm tutoring

Scenario: Given the nature of the page, manual testing input was adequate.

1. Put a value in all fields even the non required ones.
2. Only give input to time and date forms.

Story: As a user, I want to search for tutors for a class so that I can request a tutor

Scenario:

1. Open the search page
2. Type CSE138 in the search bar. Press Enter
3. A sample tutor should appear in the available tutors card, with the name, picture, and "request me" button

Story: As a developer, I want to retrieve a course listing from Pisa so I can populate my database

Scenario:

1. Start up the PisaSearchAPI server
2. Start up the WebEndpoints server
3. Send a request to "<webserver>/api/v1.0/courses/all/50000"
4. Verify that the results include course name and code
5. Open SQLiteDB browser and open the .db file
6. Verify that the courses and course codes are now in the database

Story: As a user, I want to login and signup to use SlugStudy so that I can find tutors or use the application

Scenario:

1. Start the Http server
2. Use the command `npx http-server` or `live-server`
3. Click Sign up and provide your email, name, and password

4. Verify that you are logged in
5. Click Sign out
6. Login using Email and Password
7. Verify that you can enter without using the password

Story: As a tutor, I want to select classes that I am available to tutor

Scenario:

Initialization

1. Start the endpoint servers
2. Open tutors.html

Selecting classes to tutor using a filter

1. Type a course into the filter search box. The list of courses should be reduced to those starting with the query string provided
2. Select the courses you wish to tutor
3. Press submit
4. Open the sqlite db file and verify that the tutor has been added to the "Tutors" table

Using invalid filter

1. Try invalid course names in the filter
2. No course options should appear

Selecting classes to tutor without a filter

1. All available courses should be visible
2. Select any available course and press enter
3. Validate that the tutor/course pair has been added in the database

Story: As a user, I want to be able to navigate the different pages available in SlugStudy

Scenario:

1. Open any html page
2. Select all the elements on the navbar on each page
3. Validate that each selection redirects to the correct page

Story: As a student, I want to be able to contact a tutor without exposing their email.

Scenario:

Initialization

1. Start the endpoint server
2. Open search.html

Selecting Tutor

1. Select a class by entering a class in the search bar
2. Press enter and scroll through tutors
3. Select one you like and press request me which will then send the tutor an email