

Group 14 Sprint 2 Testing



OURPURDUEPLAN

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Stories 1-8, 10: run unit tests to make sure basic functionality is working. Navigate to the `backend/` directory and run `mix test` to run all the tests.

Story 1: Tests for getting posts

- View post with valid id: returns success response
- View post with invalid id: returns error response

Story 2: Unit tests for fetching post content

- Get content when valid post id: returns success response
- Get content when invalid post id: returns error response
- Get content when not logged in: returns error response

Story 3: Unit tests for creating forum posts

- Create forum post with valid data: returns success response
- Create forum post with invalid data: returns error response
- Create forum post when not logged in: returns error response

Story 4: Unit tests for copying plans

- Copy plan when logged in with valid plan id: plan is copied and success response
- Copy plan when invalid plan id: error response
- Copy plan when not logged in: error response

Story 5: Unit tests for upvoting posts and comments

- Upvote plan when valid upvote data: success response
- Upvote plan when invalid upvote data: error response
- Upvote plan when not logged in: error response

Story 6: Unit test for searching courses by difficulty

- List all courses with default difficulty constraints: lists all courses
- List all courses with valid difficulty constraints: lists valid courses
- List all courses with invalid difficulty constraints: lists zero courses

Story 7: Unit tests for rating courses

- Rate course with valid course id and valid difficulty: success response, difficulty is updated
- Rate course with invalid difficulty: error response
- Rate course when not logged in: error response

Story 8: Unit tests for each statistic calculations

- Check that each statistic returns a list of size maximum 10

Story 9 (frontend):

1. Make sure to sign out before doing anything else.
2. Attempt to access “localhost:5173/plans”. At this point, the user should be redirected to /auth. If not, the test is a failure.
3. Log in with some credentials. The test is a success if the user is redirected to /plans and not /forum or any other route.

Story 10: Unit tests for updating a plan (name)

- Updating a plan with valid name: success response, plan name is updated
- Update plan with invalid name: error response