Quay Robinson

Team Member Information

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- Github: **https://github.com/QTEA02/ASE-285-Team-Project-Quay.git** ⬈
  (https://github.com/QTEA02/ASE-285-Team-Project-Quay.git)

Project Plan

Feature 1: Tag Search

The tag search feature allows users to filter and locate tasks within a to-do list based on specific tags assigned to each task.

Rationale

Tag search in a to-do list helps users categorize and find tasks swiftly, enhancing organization and productivity. Technology required includes database for storage, Node.js for backend logic, and HTML, CSS, and JavaScript for frontend. To implement, the task schema and user interface would need to be modified to include a search functionality.

Requirements

As a student, I want to search for a specific tag related to tasks on my todo list so that I can categorize them efficiently.

- As a user, I want to view all tasks associated with a specific tag so that I can focus on tasks related to a particular category or project.
- As a user, I want to see an error message when the search yields nothing. (UPDATED; no error message, just empty list with button option that redirects to home page)
- As a user, I want to select a tag from the drop down menu.
- As a user, I want to be able to add a single tag to my post.

Deliverables

- code:

  https://github.com/QTEA02/ASE-285-Team-Project-Quay/blob/main/views/todoTagSearch.ejs ⬈ **(https://github.com/QTEA02/ASE-285-Team-Project-Quay/blob/main/views/todoTagSearch.ejs)**

- test:

  https://github.com/QTEA02/ASE-285-Team-Project-Quay/blob/main/views/tagSearch.test.js
  (https://github.com/QTEA02/ASE-285-Team-Project-Quay/blob/main/views/tagSearch.test.js)

- documents:

  https://github.com/QTEA02/ASE-285-Team-Project-
  Quay/blob/main/documents/TagSearchManual.pdf **(https://github.com/QTEA02/ASE-285-**
  Team-Project-Quay/blob/main/documents/TagSearchManual.pdf)

  https://github.com/QTEA02/ASE-285-Team-Project-
  Quay/blob/main/documents/TagSearchDesign.pdf **(https://github.com/QTEA02/ASE-285-**
  Team-Project-Quay/blob/main/documents/TagSearchDesign.pdf)

Test Plan

Tag Search Tests:

Automated

- Test that searching for tasks using a specific tag returns the expected results.
  - Verify that the system handles tag searches with no results gracefully.
- Test that read and update works successfully (UPDATED; unnecessary)

Manual

- Test that user is able to input and submit text

Current expected unit tests for feature: 3 (UPDATED; only 1 unit test was required)

Feature 2: File Upload/Download

File upload enables users to upload files such as documents to the application.

Rationale

File uploading allows users to attach supporting documents, images, or reference materials directly to their tasks. This enables users to provide additional context or details related to the task, making it easier to understand and execute.

To enable file uploading in this to-do list application, it may require:

- Database for storage
- Backend API implemented with Node.js
- Frontend technologies such as HTML, CSS, and JavaScript.

Additional modules for file processing may need to be added, and establishing connectivity between the frontend and backend would be crucial.

Requirements

As a student, I want to be able to attach files to tasks within the to-do list application for reference or documentation purposes.

- As a user, I want to be able to select files from my local device for attachment.
- As a user, I want to upload various file types, including documents, images, and media files.
- As a user, I want to download any uploaded file.

Deliverables

- code:

  https://github.com/QTEA02/ASE-285-Team-Project-Quay/blob/main/views/file.ejs ⤴ **(https://github.com/QTEA02/ASE-285-Team-Project-Quay/blob/main/views/file.ejs)**

  https://github.com/QTEA02/ASE-285-Team-Project-Quay/blob/main/views/upload.ejs ⤴ **(https://github.com/QTEA02/ASE-285-Team-Project-Quay/blob/main/views/upload.ejs)**

- test:

  https://github.com/QTEA02/ASE-285-Team-Project-Quay/blob/main/__tests__/fileUpDown_Quay_.test.js ⤴ **(https://github.com/QTEA02/ASE-285-Team-Project-Quay/blob/main/__tests__/fileUpDown_Quay_.test.js)**

- documents:

  https://github.com/QTEA02/ASE-285-Team-Project-Quay/blob/main/documents/FileUploadDownloadManual.pdf ⤴ *(https://github.com/QTEA02/ASE-285-Team-Project-Quay/blob/main/documents/FileUploadDownloadManual.pdf)*

  https://github.com/QTEA02/ASE-285-Team-Project-Quay/blob/main/documents/FileUploadDownloadDesign.pdf ⤴ *(https://github.com/QTEA02/ASE-285-Team-Project-Quay/blob/main/documents/FileUploadDownloadDesign.pdf)*

Test Plan

File Upload Tests:

Automated:

- Test successful upload of document

Manual

- Make sure button on page works as expected

Current expected unit tests for feature: 2

Milestones and Deadline

- Milestone 1: Initial Prototype and Canvas Page done.
  - Date: 3/24/24
  - Goal: By the above date, the initial prototype to build off of should be complete as well as all the Planning for the project through the canvas pages.
- Milestone 2: Each member completes first feature.
  - Date: 3/31/24
  - Goal: Each member completes one of there two features.
- Deadline 1: Testing, Coding, Documentation of first feature is complete.
  - Date: 4/7/24
- Milestone 3: Each member completes second feature.
  - Date: 4/14/24
  - Goal: Each member completes the coding of the second of there two features.
- Milestone 4: Testing, Coding, Documentation of second feature is complete.
  - Date: 4/21/24
  - Goal: All tests, code and documentation of the second feature should be completed.

Risk Analysis

1. Game Tournament - 3/21
2. CYS 430 Exam - 4/1
3. ASE 285 Midterm - 4/10
4. PHI 310 Exam - TBD
5. HW8 Deadline - 5/3

Project Progress

Week 1

Summary

The Canvas page is completed.

- Milestone 1 has been completed. Initial prototype is accessible through the github repository.

LoC: 0

Week 2

Summary

I am working on creating the design for my features, and will begin working on completing my first feature.

- Milestone 2: Search Tag feature completion expected on 3/31.

LoC: 0

Week 3

Summary

I worked on my first feature, but did not complete it yet. Expected to complete on 4/7. There is some progress, but it is not yet reflected on github.

LoC: 0

Week 4

Summary

I completed the tag search feature, which was my first feature that has been finished in this week of the project. Some requirements were updated for convenience. It was determined that only one automated (unit) test was required, and two manual tests that involved button and response for the UI. The code for the test is functional, and all tests have passed. There was one that was experienced that required me to re-fork for my project. The user manual for tag search was added apart of the documentation for this week, as well.

- Deadline 1: Testing, Coding, Documentation of first feature is complete.

Added LoC: 75

Total LoC: 75

Week 5

I made no progress this week due to the ASE 285 Midterm risk.

Added LoC: 0

Total LoC: 75

Week 6

I completed the code, tests, and manual for my file upload/download feature. Test runs as expected. At this point in the project, all of my requirements have been met. Design documents for both features have been created.

- Deadline 2: All of my features and documents have been completed.

Added LoC: 196

Total LoC: 271