Title: Career Compass

Who: Brice Parrott, Calvin Bonomo, Carli Repass, Isaiah Smith, Jackson Hill, Owen Witkos

Project Description:

Career Compass will be a tool to help users track their internship and job applications. It will have a database that stores details like the company, position, resume, and interview dates or schedule. There will also be a status option for each application to show where users are in the process. The main page will include posts from users sharing jobs they've found. To access these features, users will need to register and log in.

Career Compass will also include a notes section for each application, where users can add details from interviews, company research, or follow-ups. Here, users can write down key points from conversations, the names of interviewers, and any questions asked, creating a detailed log for each opportunity. These notes will be easy to find, helping users stay prepared for each step and keep important information handy for future interviews or networking.

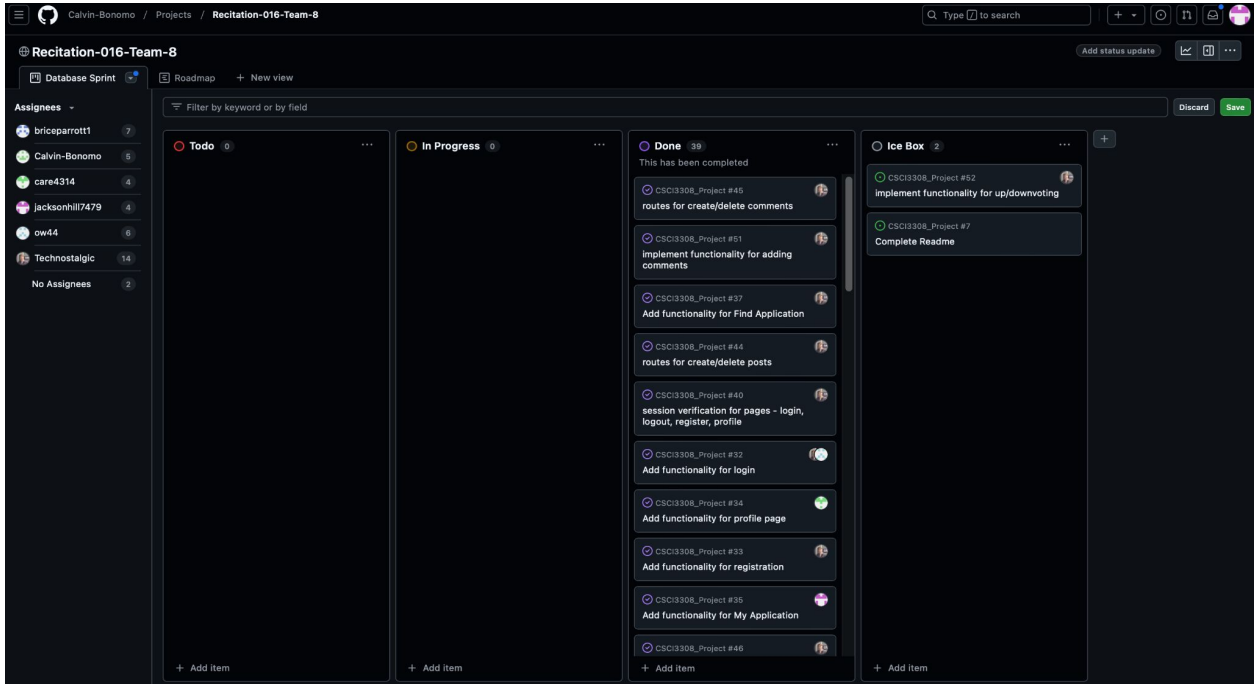
Another feature is a "Networking Tracker," where users can record connections they've made, such as contacts from career fairs, Linkedin, or informational interviews. Users can store contact info, how they met, and follow-up actions, like thank-you notes or coffee chats. This feature will help users keep track of relationships as they move through their job search, with optional follow-up reminders to stay connected.

Project Tracker - GitHub project board:

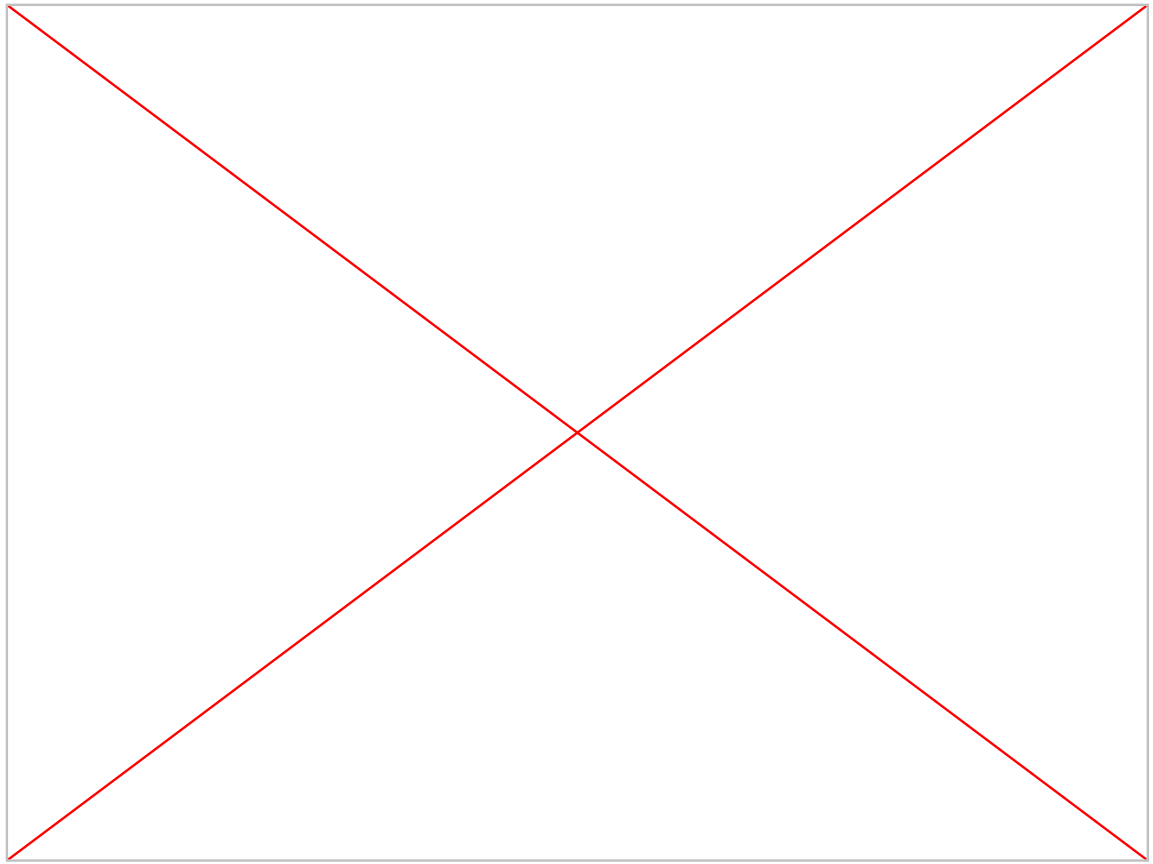
https://github.com/users/Calvin-Bonomo/projects/1

Link to your git Repository:

https://github.com/Calvin-Bonomo/CSCI3308_Project/tree/main



Video:
https://docs.google.com/presentation/d/1dPrrXOdPW00KWeRWg5a-YZm_o_dDWJ74tkq0wWhXDW4/edit?usp=sharing



Contributions:

Jackson Hill:

Added functionality for My Application, created the interviewer data table, wireframe for the profile page, and the skeleton for the application page, as well as creating tests for the functionality within the my application page, also used my account for the Render set up, and created the project report and project plan.

Brice Parrott:

Created wireframes for landing page and homepage, created skeleton pages for register page and landing page, created application table, developed registration functionality, wrote tests for logout functionality, and wrote tests for login functionality.

Calvin Bonomo:

Created the profile data table, add testing functionality for registering users, created use case and architecture diagrams, created skeleton for profile page, created the header, footer, and navbar partials, added Bootstrap css styling to any pages as needed, wrote project readme.

Contributions:

Carli Repass:

Worked on and developed functionality for the profile page. I also created essential page skeletons for logout and forgot password, enhancing the platform's usability and security. I also established database relations to link users with posts, applications, and interviewers, improving the system's data management and operational efficiency.

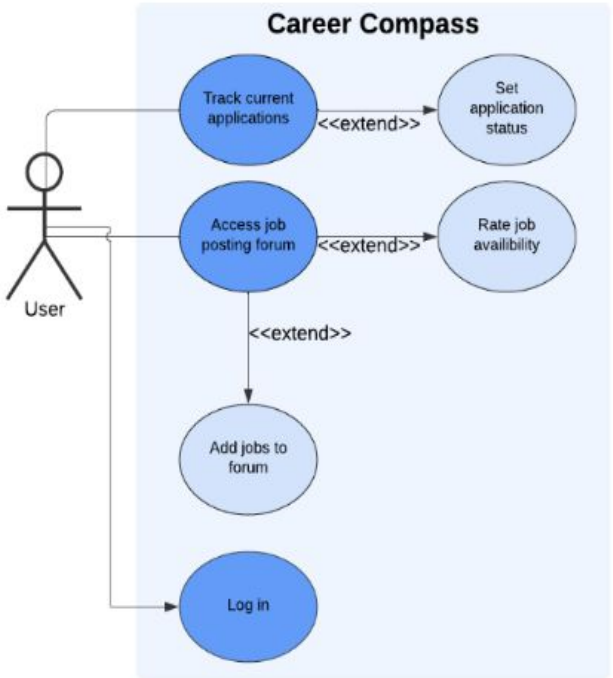
Isaiah Smith:

Handled initial Docker setup, implemented functionality for using separate files for routes and tests, implemented commenting and application posting functionality. Handled VCS with regard to merging feature branches into ‘develop’ handling merge conflicts, then merging into develop -> main. Set up system to allow reinitialization of database on remote cloud host by changing an environment variable.

Owen Witkos:

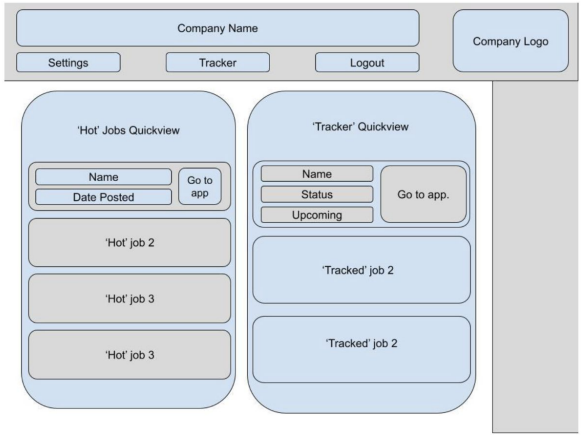
I Created various frontend features including various Handlebars partials, and parts of other pages on the site using Bootstrap. I also created wireframes for some of the website’s pages. I implemented the SQL database for posts and comments, and their functionality with other databases. I also implemented part of the login page functionality in JS.

Use Case Diagram:

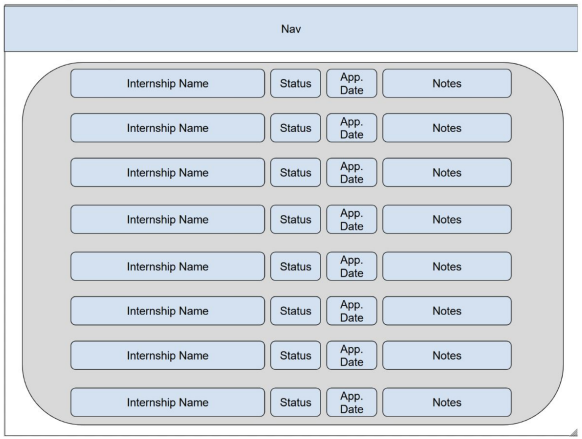


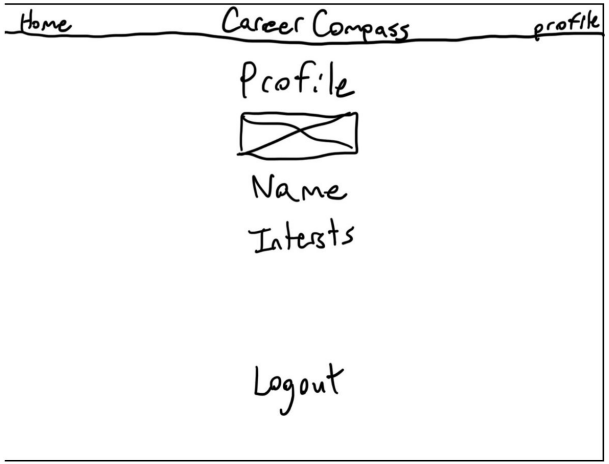
Wireframes:

Home Page:

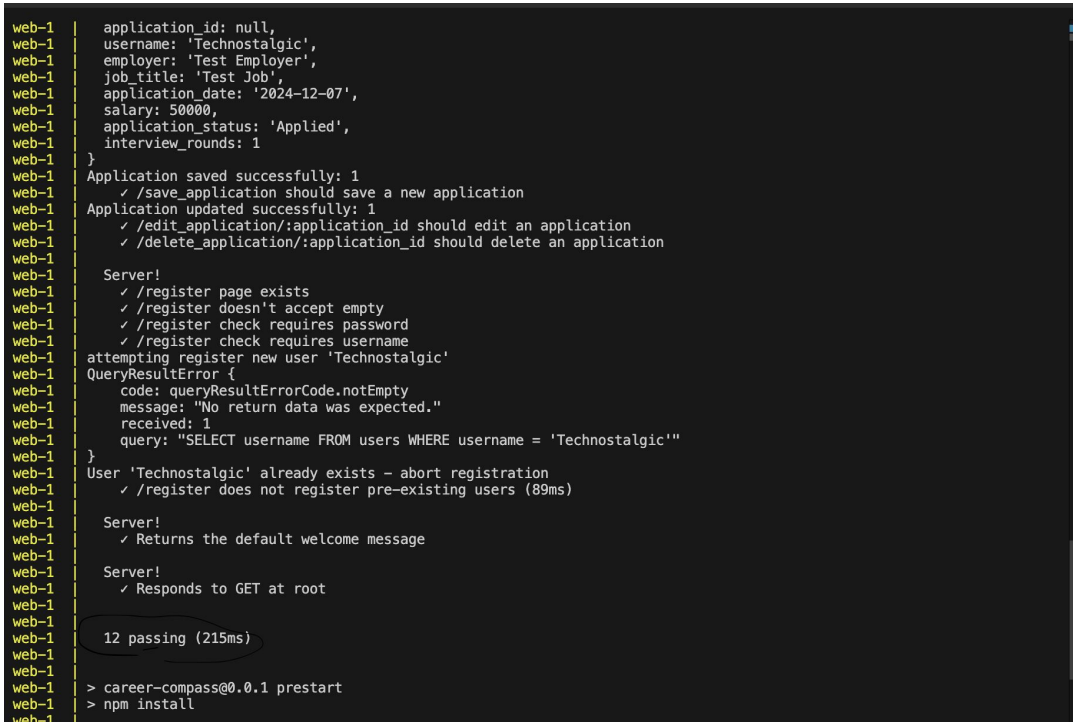


Tracking Page





Test Results:



```
web-1  |   application_id: null,
web-1  |   username: 'Technostalgic',
web-1  |   employer: 'Test Employer',
web-1  |   job_title: 'Test Job',
web-1  |   application_date: '2024-12-07',
web-1  |   salary: 50000,
web-1  |   application_status: 'Applied',
web-1  |   interview_rounds: 1
web-1  | }
web-1  | Application saved successfully: 1
web-1  |     ✓ /save_application should save a new application
web-1  | Application updated successfully: 1
web-1  |     ✓ /edit_application/:application_id should edit an application
web-1  |     ✓ /delete_application/:application_id should delete an application
web-1  |
web-1  |   Server!
web-1  |     ✓ /register page exists
web-1  |     ✓ /register doesn't accept empty
web-1  |     ✓ /register check requires password
web-1  |     ✓ /register check requires username
web-1  | attempting register new user 'Technostalgic'
web-1  | QueryResultError {
web-1  |     code: queryResultErrorCode.notEmpty
web-1  |     message: "No return data was expected."
web-1  |     received: 1
web-1  |     query: "SELECT username FROM users WHERE username = 'Technostalgic'"
web-1  | }
web-1  | User 'Technostalgic' already exists - abort registration
web-1  |     ✓ /register does not register pre-existing users (89ms)
web-1  |
web-1  |   Server!
web-1  |     ✓ Returns the default welcome message
web-1  |
web-1  |   Server!
web-1  |     ✓ Responds to GET at root
web-1  |
web-1  |
web-1  |   12 passing (215ms)
web-1  |
web-1  |
web-1  | > career-compass@0.0.1 prestart
web-1  | > npm install
```

Deployment:

https://csci3308-project.onrender.com/

The website was deployed through Render, using the instructions provided in Lab 13.