Lead Trailers: Streamlining Internship Application Management

Team Members:

- Max Aronheim: https://github.com/Maronheim
- Andrew Rho: https://github.com/yuchanandrew
- Christo Jewett: https://github.com/christoj31
- Jay Hernandez: https://github.com/JayH810
- Daria Ruchala: https://github.com/daria-ruchala
- Irene Weimer: https://github.com/ireneweimer

Project Description

Our project is a comprehensive application designed to assist users in managing their internship applications efficiently. This tool provides a centralized platform to organize and track internship details, allowing users to monitor their progress through various application stages. Users can perform CRUD (Create, Read, Update, Delete) operations to keep their records accurate and up to date, ensuring they maintain control over their application data.

At the heart of the application is a dynamic dashboard that presents critical information in an easy-to-understand format. Features include dropdown buttons for marking progress stages, which visually represent where users stand in their application journey. Additionally, the application includes a theme controller, enabling users to customize the interface to their preferences for an enhanced user experience.

Future iterations will introduce reminder functionality to prompt users to follow up with contacts at organizations, fostering a proactive approach to networking and communication during the application process. By streamlining application tracking and organization, the project addresses a common challenge faced by students and job seekers.

Overall, this application is designed to improve organizational efficiency and empower users to focus on securing internships, making it an essential tool for those navigating the competitive job market.

VCS (Version Control System)

- **Git Repository:** https://github.com/christoj31/CSCI-3308-Project-Repository.git

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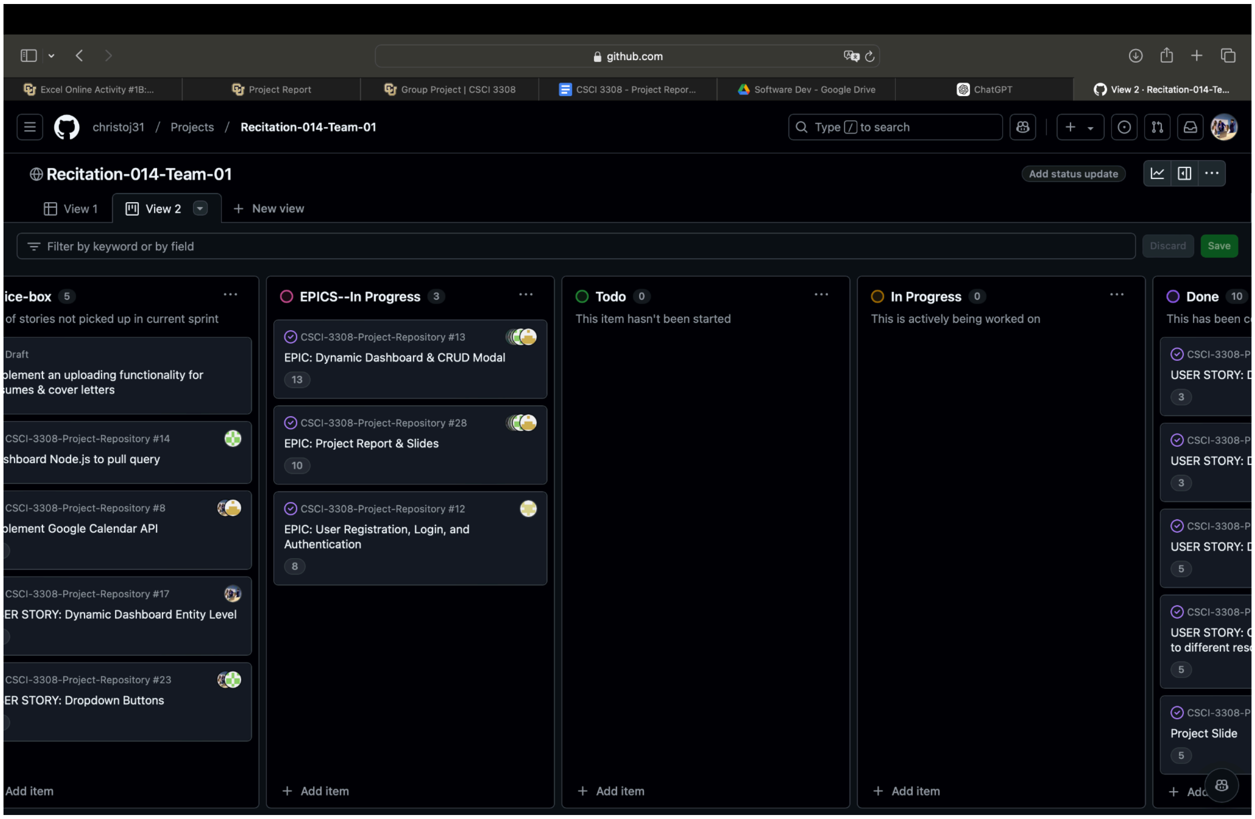
Project Tracker - GitHub Project Board

- **Link to Project Tracker:** https://github.com/users/christoj31/projects/1/views/2
- **Screenshot of Project Tracker:**


github.com
Excel Online Activity #1B:...
Project Report
Group Project | CSCI 3308
CSCI 3308 - Project Repor...
Software Dev - Google Drive
ChatGPT
View 2 · Recitation-014-Te...
christoj31 / Projects / Recitation-014-Team-01
Type / to search
Add status update
View 1
View 2
New view
Filter by keyword or by field
Discard
Save

Recitation-014-Team-01

ice-box 5
of stories not picked up in current sprint

Draft
plement an uploading functionality for
sumes & cover letters

CSCI-3308-Project-Repository #14
shboard Node.js to pull query

CSCI-3308-Project-Repository #8
plement Google Calendar API

CSCI-3308-Project-Repository #17
ER STORY: Dynamic Dashboard Entity Level

CSCI-3308-Project-Repository #23
ER STORY: Dropdown Buttons

Add item

EPICS--In Progress 3

CSCI-3308-Project-Repository #13
EPIC: Dynamic Dashboard & CRUD Modal
13

CSCI-3308-Project-Repository #28
EPIC: Project Report & Slides
10

CSCI-3308-Project-Repository #12
EPIC: User Registration, Login, and Authentication
8

+ Add item

Todo 0
This item hasn't been started

+ Add item

In Progress 0
This is actively being worked on

+ Add item

Done 10
This has been c

CSCI-3308-P
USER STORY: D
3

CSCI-3308-P
USER STORY: D
3

CSCI-3308-P
USER STORY: D
5

CSCI-3308-P
USER STORY: C
to different res
5

CSCI-3308-P
Project Slide
5

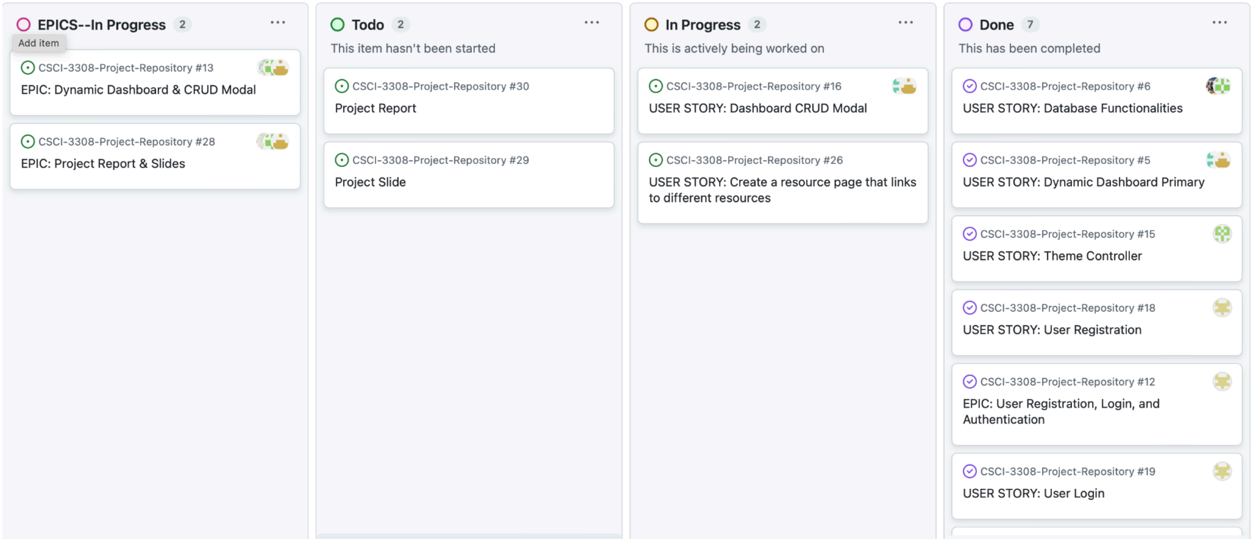
+ Add

Video Demo

https://youtu.be/qvky-7eydQk

Contributions

Each team member provides a brief summary of their work:



EPICS--In Progress 2

Add item

CSCI-3308-Project-Repository #13
EPIC: Dynamic Dashboard & CRUD Modal

CSCI-3308-Project-Repository #28
EPIC: Project Report & Slides

Todo 2

This item hasn't been started

CSCI-3308-Project-Repository #30
Project Report

CSCI-3308-Project-Repository #29
Project Slide

In Progress 2

This is actively being worked on

CSCI-3308-Project-Repository #16
USER STORY: Dashboard CRUD Modal

CSCI-3308-Project-Repository #26
USER STORY: Create a resource page that links to different resources

Done 7

This has been completed

CSCI-3308-Project-Repository #6
USER STORY: Database Functionalities

CSCI-3308-Project-Repository #5
USER STORY: Dynamic Dashboard Primary

CSCI-3308-Project-Repository #15
USER STORY: Theme Controller

CSCI-3308-Project-Repository #18
USER STORY: User Registration

CSCI-3308-Project-Repository #12
EPIC: User Registration, Login, and Authentication

CSCI-3308-Project-Repository #19
USER STORY: User Login

Jay:

- **Features:** Theme customization, Backend development
- **Technologies Worked On:** DaisyUI, tailwind, HTML, CSS, HBS

Andrew:

- **Features:** Homepage design, Data display, Data Integration
- **Technologies Worked On:** HTML, Tailwind, DaisyUI, NodeJS, Express, JS, HBS

Christo:

- **Features:** Data entry forms, Backend integration
- **Technologies Worked On:** Frontend Development, HTML, JS, SQL, Daisy UI, Database Management

Max:

- **Features:** dropdown button, resource page, Project Management, design architectures, documentation, database
- **Technologies Worked On:** Figma, MySQLWorkbench, js, HTML, tailwind, DaisyUI, Nodejs, Express, SQL, HBS

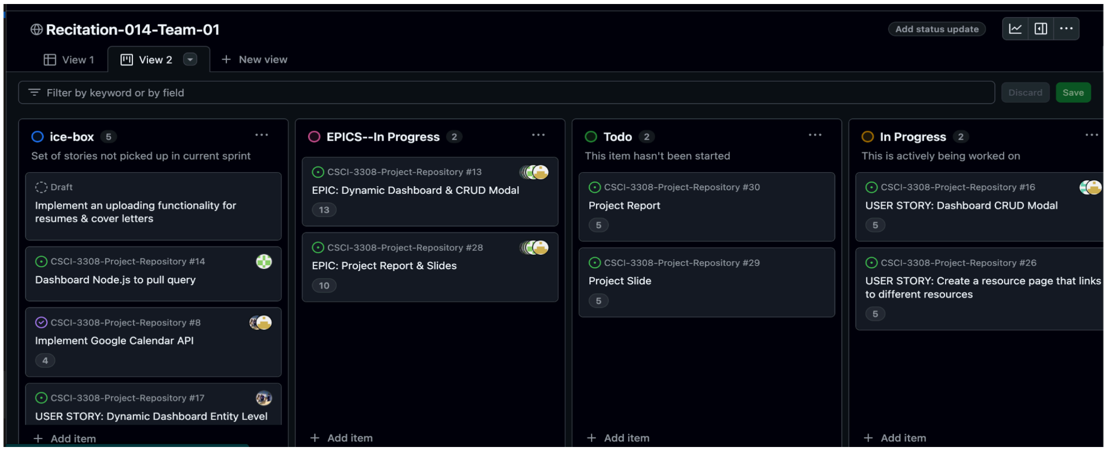
Daria:

- **Features:** dropdown button, filter options, database, badges
- **Technologies Worked On:** SQL, Figma, js, HTML, tailwind, DaisyUI, Nodejs, Express, HBS,

Irene:

- **Features:** User registration, Login functionality, logout modals, user entity in database
- **Technologies Worked On:** DaisyUI, Tailwind, SQL, NodeJS, js, Express, HTML, HBS, CSS

- **Screenshot of Project Board:**



Recitation-014-Team-01

Add status update

View 1 | View 2 | + New view

Filter by keyword or by field

Discard | Save

ice-box 5
Set of stories not picked up in current sprint

- Draft
  Implement an uploading functionality for resumes & cover letters
- CSCI-3308-Project-Repository #14
  Dashboard Node.js to pull query
- CSCI-3308-Project-Repository #8
  Implement Google Calendar API
  4
- CSCI-3308-Project-Repository #17
  USER STORY: Dynamic Dashboard Entity Level

+ Add item

EPICS--In Progress 2

- CSCI-3308-Project-Repository #13
  EPIC: Dynamic Dashboard & CRUD Modal
  13
- CSCI-3308-Project-Repository #28
  EPIC: Project Report & Slides
  10

+ Add item

Todo 2
This item hasn't been started

- CSCI-3308-Project-Repository #30
  Project Report
  5
- CSCI-3308-Project-Repository #29
  Project Slide
  5

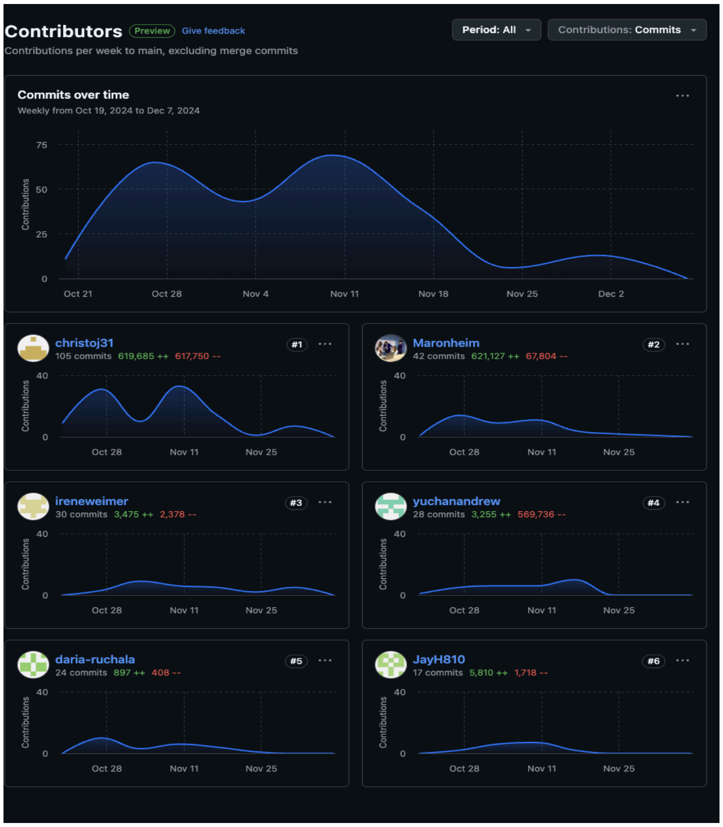
+ Add item

In Progress 2
This is actively being worked on

- CSCI-3308-Project-Repository #16
  USER STORY: Dashboard CRUD Modal
  5
- CSCI-3308-Project-Repository #26
  USER STORY: Create a resource page that links to different resources
  5

+ Add item

Screenshot of GitHub Contributions:



Contributors (Preview) Give feedback

Contributions per week to main, excluding merge commits

Period: All | Contributions: Commits

Commits over time
Weekly from Oct 19, 2024 to Dec 7, 2024

christoj31 #1
105 commits 619,685 ++ 617,750 --

Maronheim #2
42 commits 621,127 ++ 67,804 --

ireneweimer #3
30 commits 3,475 ++ 2,378 --

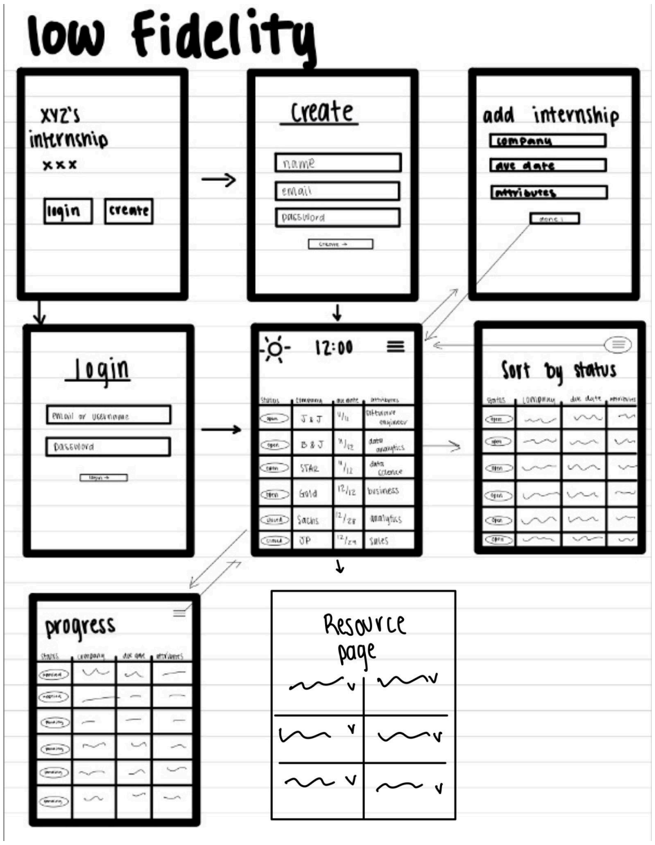
yuchanandrew #4
28 commits 3,255 ++ 569,736 --

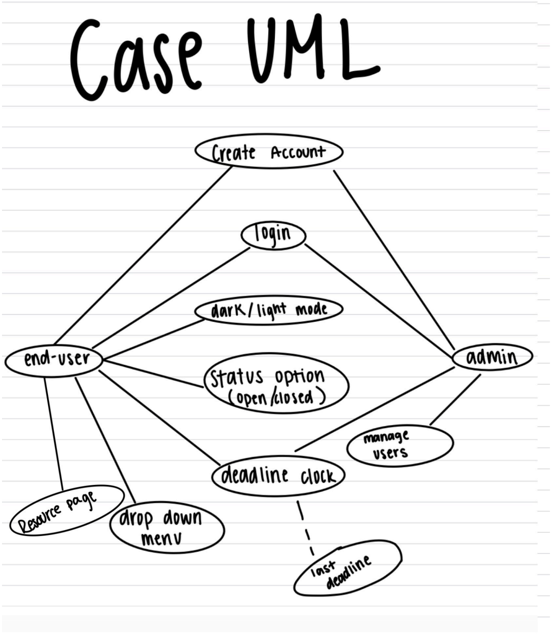
daria-ruchala #5
24 commits 897 ++ 408 --

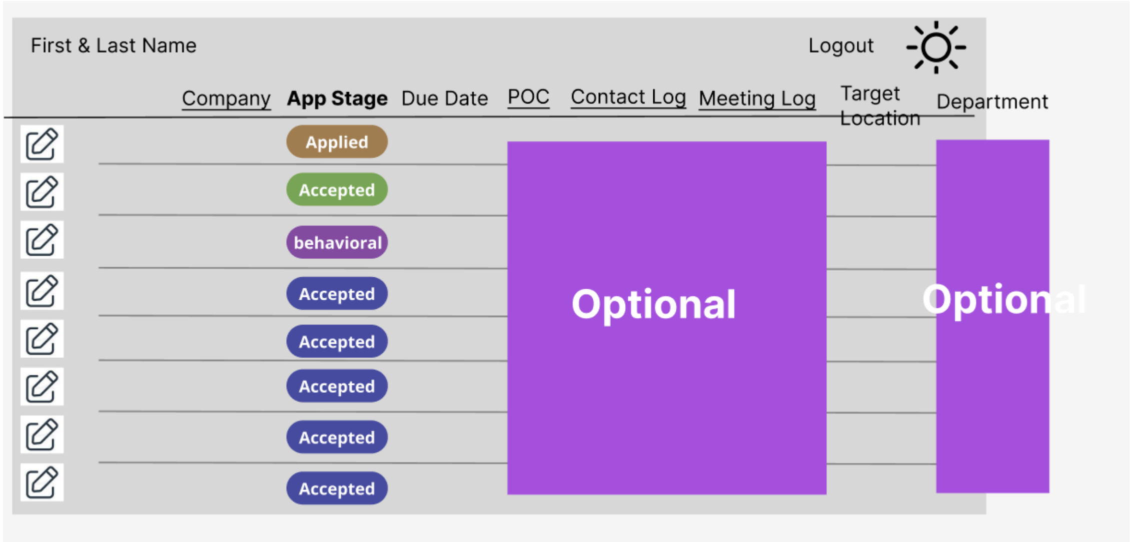
JayH810 #6
17 commits 5,810 ++ 1,718 --

Use Case Diagram & Low Fidelity Wireframe

- Low fidelity wireframe with our login, register, homepage and resource page
- Case UML that includes user to the status options, login, deadline, clocks and resource pages





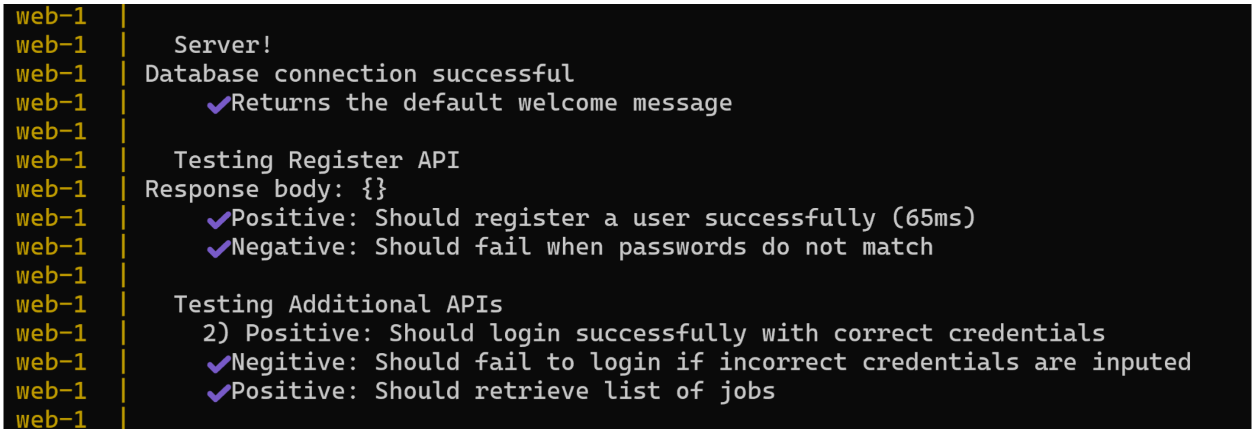


First & Last Name

Logout

Company	App Stage	Due Date	POC	Contact Log	Meeting Log	Target Location	Department
	Applied						
	Accepted						
	behavioral						
	Accepted						
	Accepted						
	Accepted						
	Accepted						
	Accepted						

Test Results



```
web-1  |
web-1  |   Server!
web-1  | Database connection successful
web-1  |     ✔Returns the default welcome message
web-1  |
web-1  |   Testing Register API
web-1  | Response body: {}
web-1  |     ✔Positive: Should register a user successfully (65ms)
web-1  |     ✔Negative: Should fail when passwords do not match
web-1  |
web-1  |   Testing Additional APIs
web-1  |     2) Positive: Should login successfully with correct credentials
web-1  |     ✔Negitive: Should fail to login if incorrect credentials are inputed
web-1  |     ✔Positive: Should retrieve list of jobs
web-1  |
```

Test Plan Summary:

The primary focus of this test plan is on user registration, login functionality, and the ability to retrieve a list of job applications. To begin, we identify the core features to test: user account creation, secure login validation, and job list retrieval.

The objectives of the testing process are to ensure that user registration works successfully, errors are handled correctly when passwords do not match, login attempts fail with incorrect credentials, and the job list retrieval function operates as expected. Entry criteria for testing require the completion of user account and job retrieval development, while exit criteria demand that all tests pass without critical defects and that any identified issues are resolved or documented.

Required tools include Mocha, Chai and a browser for tests.. Testing is scheduled over three days: Day 1 for registration tests, Day 2 for login tests, and Day 3 for job retrieval tests, with an estimated 1 hour needed to execute each test case.

Results & Observations:

The first test aimed to verify whether the registration page successfully added the inputted user details to the database. This test was successful, as we confirmed that the fields were correctly stored in the database. The second test checked if the registration page would display an error message when the passwords did not match and ensured that the user was not added to the database. This functionality worked as expected, and the test passed. The third test validated that the login page redirects users back to the login page if they are not registered, instead of allowing access to the home page. This test also succeeded, confirming the correct behavior. Finally, the last test ensured that the job list could be retrieved from the database for use on the dashboard, which was successfully achieved. These results indicate that the core functionalities of the system are operating as intended.

Deployment

- **Deployment Environment Link:** https://node-jra9.onrender.com/login
- **Deployment Description:** We deployed our website using Render by linking our Github project repository. Within Render, we initialized a corresponding web service and database**.** We already had a database structure built, so we used our own. We set up our web service configurations, created our environment variables, and deployed our website. To access the site, click on the link above.