

A Full Stack Application for Managing Job Applications

# Job Tracker Platform



May

2025

Annaliese Watson - Role: *Group Lead* | *UI/UX Designer* | *QA Tester*

# Project Overview



## Business Problem

Students struggle to track job applications

Data gaps: Universities lacks current analytical system to monitor and measure graduate job succession rates.

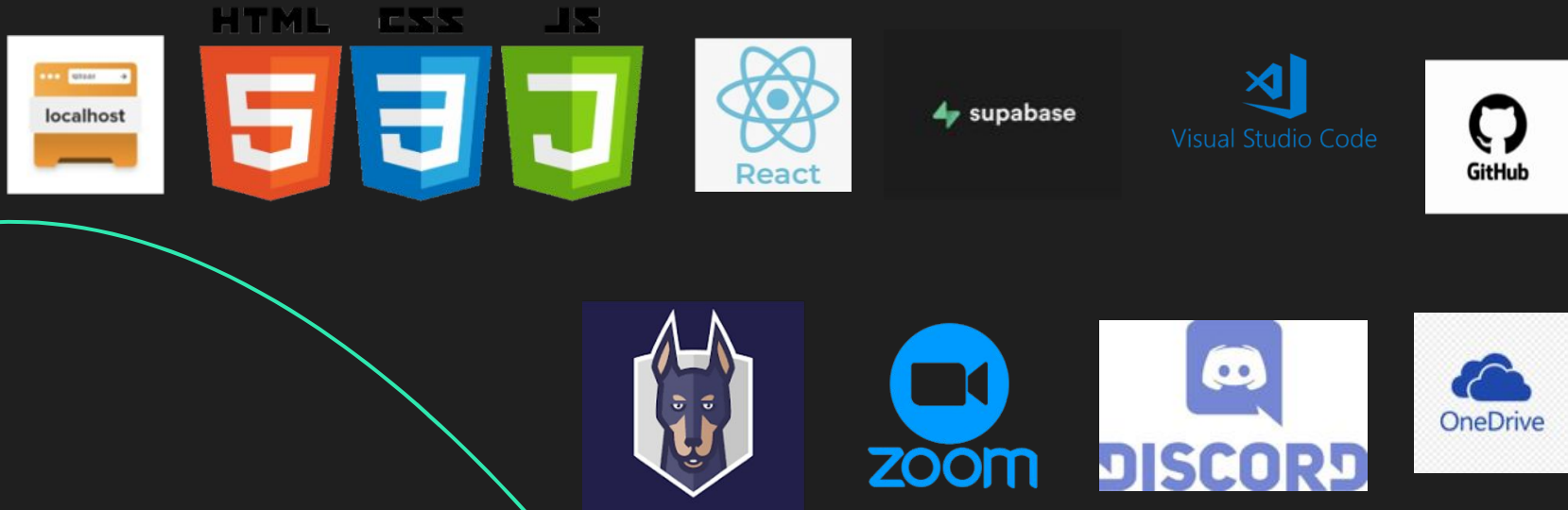
## Proposed Solution

- Purpose: Online platform for students to track job applications.
- Goal: Supports students & faculty with career insights for managing Job searches and application process
- Insights: Analyze data within the students' job application trends, providing important feedback

## Impact and Benefits of Our Solution

- Better career tracking: Stay organized & proactive.
- Lower graduate unemployment: Improve job search.
- Industry Connections: Create pathways for students to connect with potential employers.
- Enhanced Career Support: Universities will gain insights into graduate employment trends.

# Development & Communication Tools used through Project



# **My Role and Contribution as TEAM LEAD/SCRUM MASTER**

---

- **Broke down tasks based on team members strengths into manageable user stories**
- **Developed user stories (main status: student, career staff and admin)**
- **Delegated tasks & Set Sprint Deadlines**
- **Schedule Meeting, Checked in on Team for Updates Regularly**
- **Encouraged collaboration and made sure everyone's voice was heard**

# **My Role and Contribution as UI/UX Designer & Developer**

---

- **Designed 10+ responsive layout screens, look and feel**
- **Translated wireframe into high fidelity using Figma**
- **Built reusable and scalable components (CSS & Javascript)**
- **Participated in Git Version control workflow**  
**Designed & Developed user friendly, responsive and accessible interfaces for each user status**

# **My Role and Contribution as QA Tester**

---

- **Performed manual testing based on each user cases**
- **Verified integration points (logging in based on account, storing account information, staff being able to pull information from student account & chat messages being synced (sent and received) to appropriate accounts**
- **Test navigation flows and error handling**



## Target Audience

This web application is designed for:

- **Students** actively seeking internships or full-time jobs—helping them track applications, deadlines, and interview progress.
- **University Career Services**—to monitor and support students' job search journeys more efficiently.
- **Graduate Program Coordinators**—to track graduate outcomes and enhance institutional reporting on student success.

# Persona #1: Kean University Student

---

- **User Story:** As a student who is actively searching for internships and job opportunities, I would like to track my job applications in a single place. This is so that I may follow up with each application while also staying organized in my job and job searches.
- **Needs:** Ease-of-Use tracking tool, clear job application status, reminder to follow up
- **Goal:** To achieve internships or employment with the inclusion of staying on top of applications and deadlines. This will also improve job search strategies.



## Persona #2: University Administrator

---

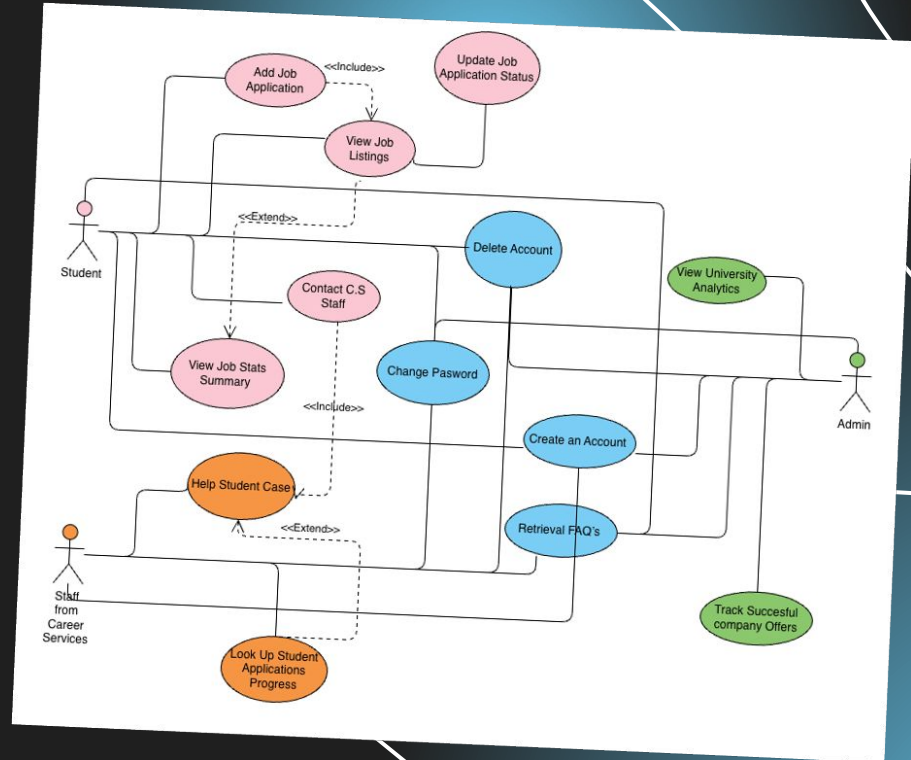
- **User Story:** As a University Administrator, I would like to manage and monitor the Job Tracker Application. This must include the proper functioning of the system, and that data is collected.
- **Needs:** Access to the user data and analytics, management tool access, generation of reports based on student progress and outcomes (if possible)
- **Goals:** Ensuring that the platform gives useful insight with the improvement of career services.

## Persona #3: Career Services Staff

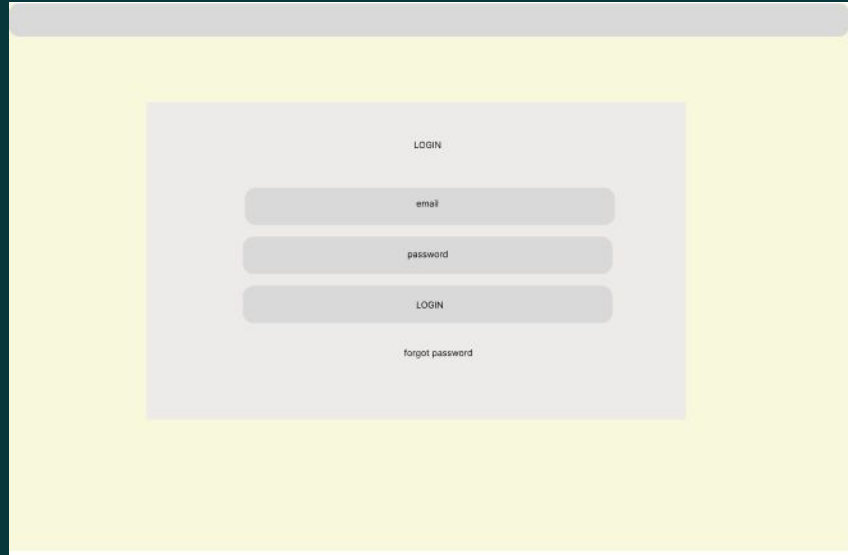
---

- **User Story:** As a Career Services Staff, I would like to give personalized support to students. This is so that they may have access to their job application statuses. I would also like to lead them in the correct and proper way while lending true resources.
- **Needs:** Access to tracking student progress, Giving career advice based on application status, sending resources to students.
- **Goals:** Assisting students to navigate job searches with the increase of student success.

# Use Case Diagram



# Wireframes (Mid Fidelity) – Generated with Figma



Log in page layout would include fields for user email, password and button for login. In addition forget password link for user

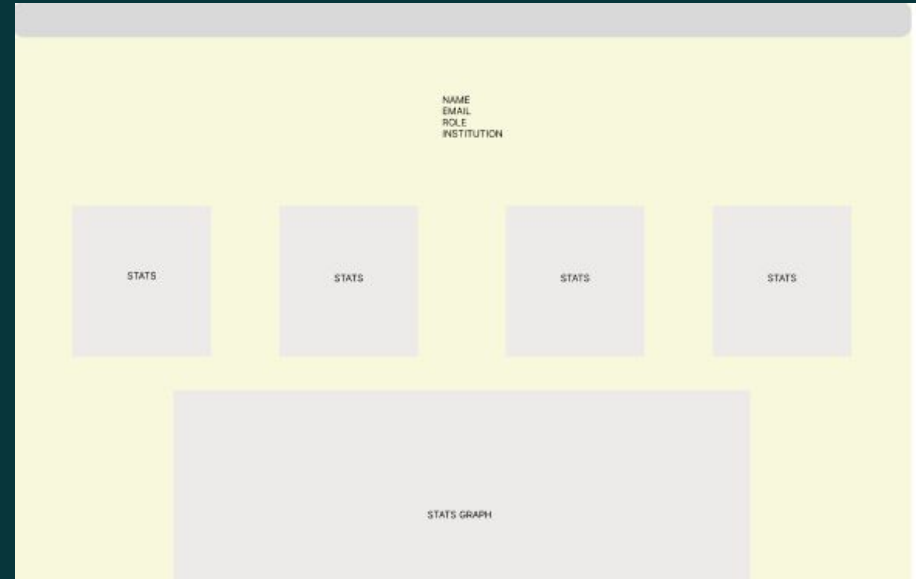


Help Center page would include a chat box where user is able to see history of chat with Career Service Representative

# Wireframes (Mid Fidelity) – Generated with Figma

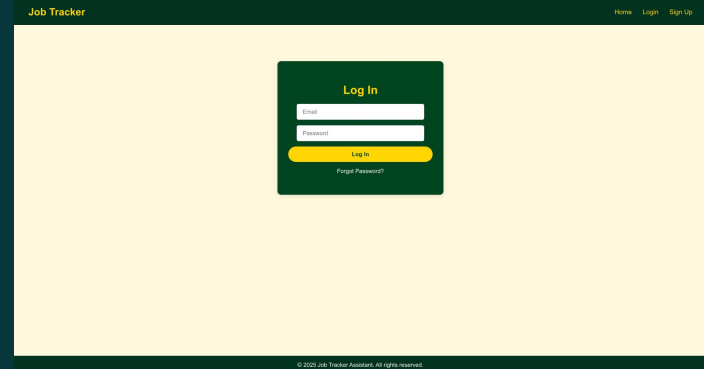
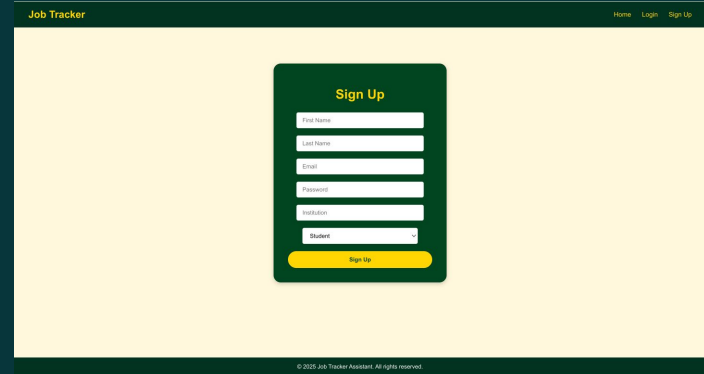
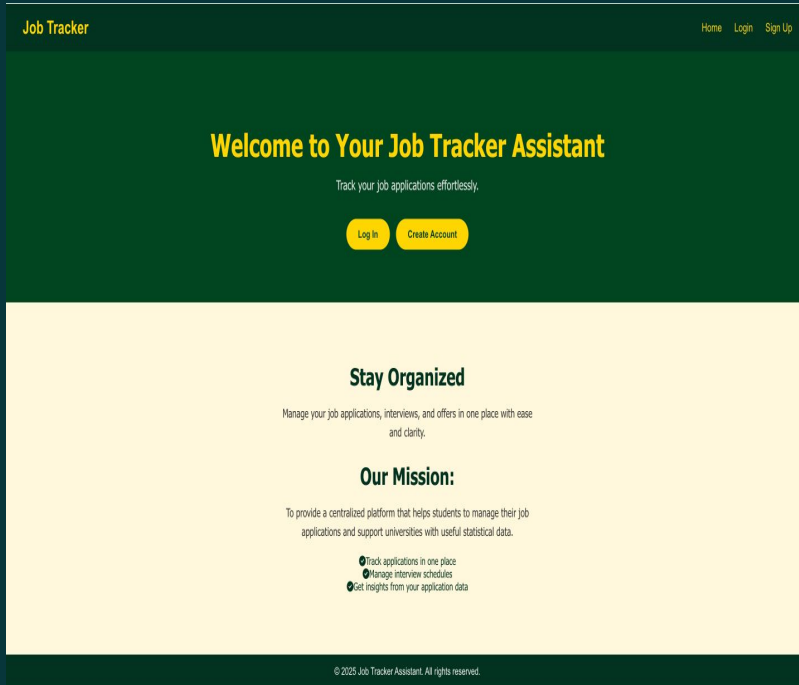


Job listing page would include all the job listing students added and all relevant information in each card relating to that job. They would also be able to indicate the state of the application including applied, rejected or offered.



Profile Page would include analytics where at the top would display general information. The 4 cards would be analytics from students profile and below a graph stats of the students account so they can keep track of their progress.

# Pages from Developed Site



## Pages from Developed Site - Using Student Log in

Job Tracker

[Home](#)[Applications](#)[Add job](#)[Profile](#)[Help](#)

Log Out

## Add Your Potential Job

Company Name

Job Title

Job Description

Application Link

Add job

© 2025 Job Tracker Assistant. All rights reserved.

Job Tracker

[Home](#)
[Applications](#)
[Add Job](#)
[Profile](#)
[Help](#)
[Log Out](#)

## Your Job Listings

Company: PSEG

Job Title: Technology Professional

Job Description:

Supporting PSEG, Axi Team and Information Technology team with administering access for the entire company up to and including creating LAN IDs and other identity and Access Management. Will be expected to build relationships with clients, including vice presidents, and leverage those relationships to ensure efficient delivery of access to multiple systems.

Application Link: [https://www.monster.com/jobs/view\\_job\\_id/62138145670042/](https://www.monster.com/jobs/view_job_id/62138145670042/)

Created At: 3/18/2025, 2:15:37 PM

Status:

Approved

☒

Approved

☐

Rejected

☐

On Hold

☐

Not Started

Company: PSEG

Job Title: IT Technician

Job Description:

6-8hr/week on-site and virtual skills Strong work ethic, attention to detail, and proven track record Client-oriented disposition Knowledge of Microsoft standard office applications (Word, Excel, PowerPoint, Outlook) and Microsoft Windows operating systems Enthusiastic, self-motivated to learn current IT technologies and their implementation Problem solving and critical thinking needed Knowledge of PC and Mac hardware components, wired and wireless networking, and server technology with Experience with VMware, Citrix, and Bluebird in the AXP 203 environment preferred or a Microsoft Exchange Certified preferred B.S. in Information Technology preferred Minimum of 20 hrs. H required

Application Link: [https://www.monster.com/jobs/view\\_job\\_id/62138145670042/](https://www.monster.com/jobs/view_job_id/62138145670042/)

Created At: 3/18/2025, 2:14:40 PM

Status:

Approved

☒

Approved

☐

Rejected

☐

On Hold

☐

Not Started

Job Tracker

Home

Applications

Add Job

Profile

Help

Log Out

Help Center

Connect to Career Services Chat Box

CONNECTING...

Type your message...Send

Frequently Asked Questions

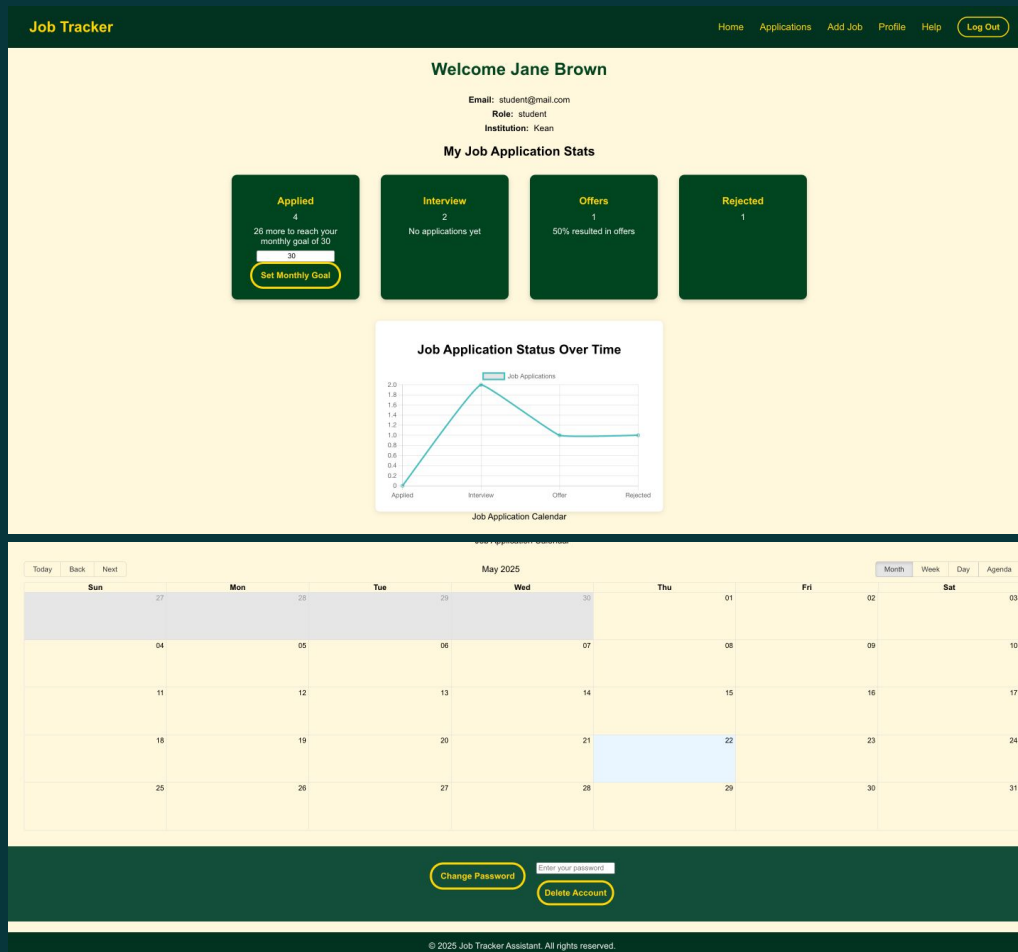
How to delete my account?

Go to your profile page, enter your password, and click "Delete Account".

How to add a job?

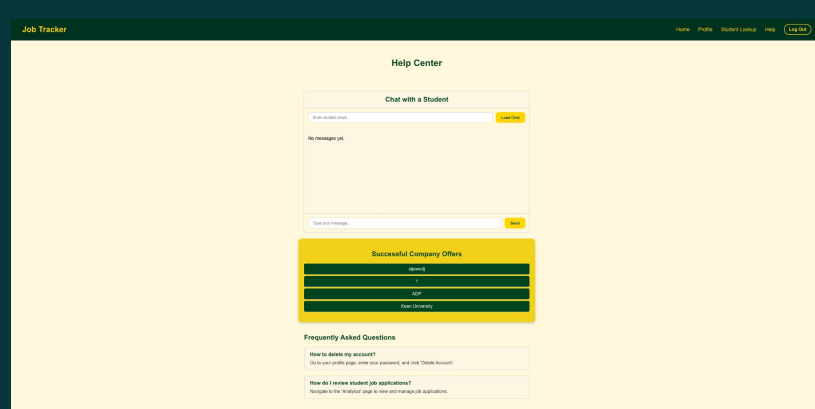
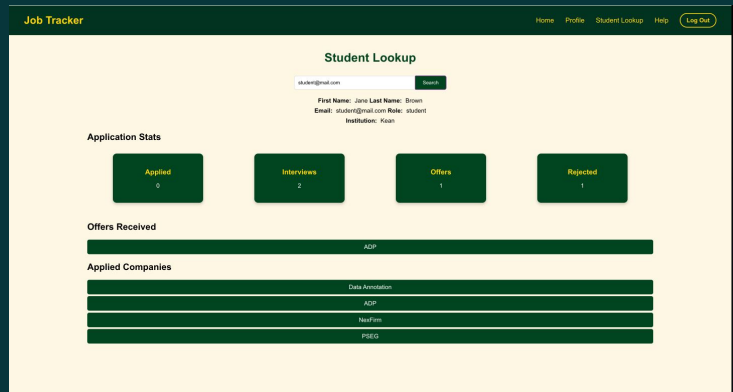
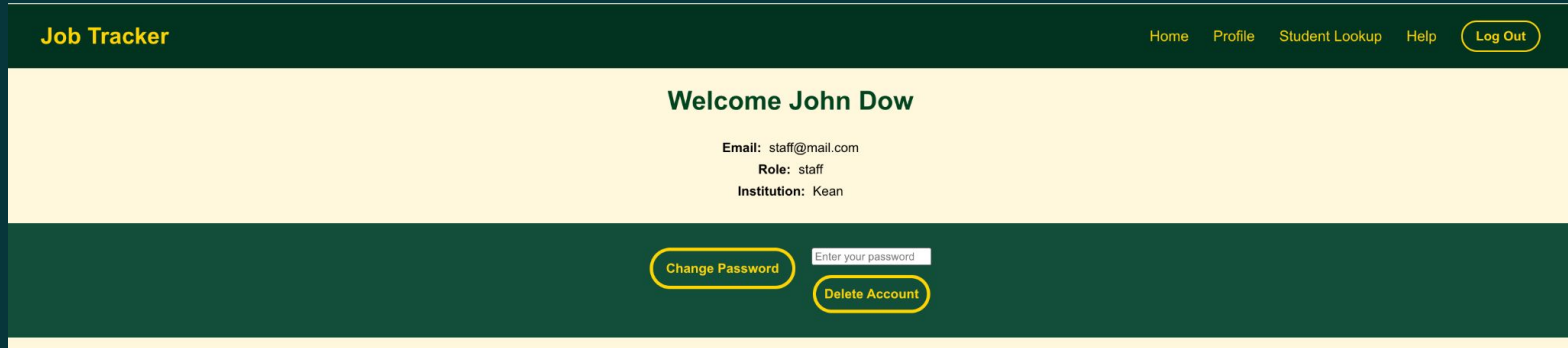
Go to the "Add Job" page and submit your job application details.

# Pages from Developed Site – Using Student Log in Profile Page

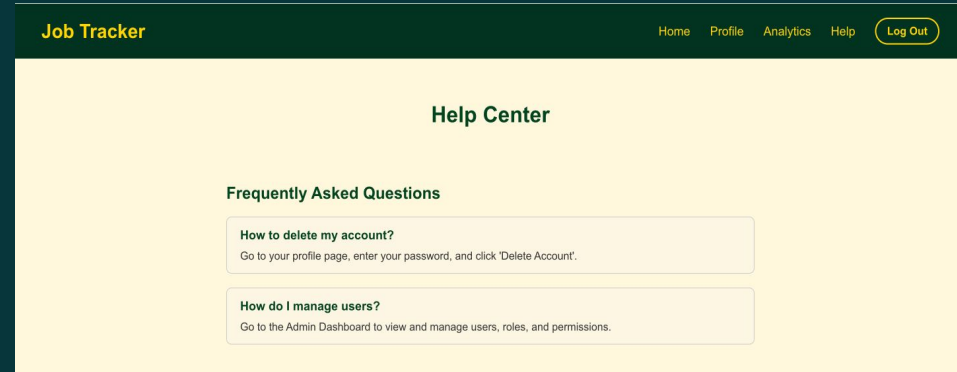
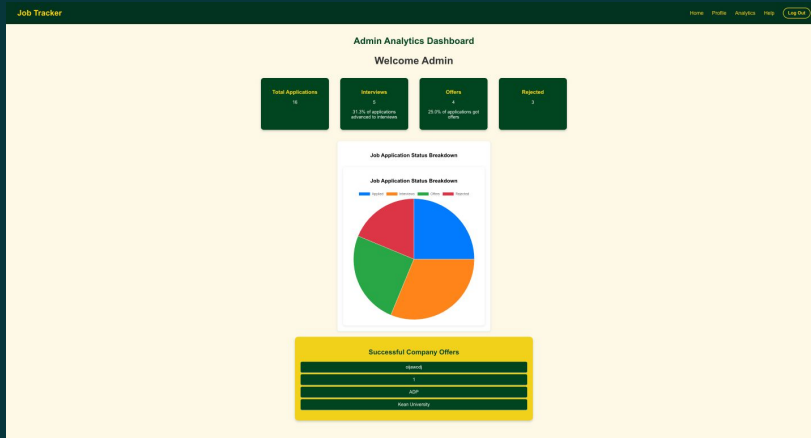




# Pages from Developed Site – Using Staff Log in



# Pages from Developed Site – Using Admin Log in



# Thank You

Video Demo: <https://youtu.be/PCjdHjuDNj0>



May

2025

Annaliese Watson - Role: *Group Lead* | *UI/UX Designer* | *QA Tester*