

Sprint 1 Deliverable

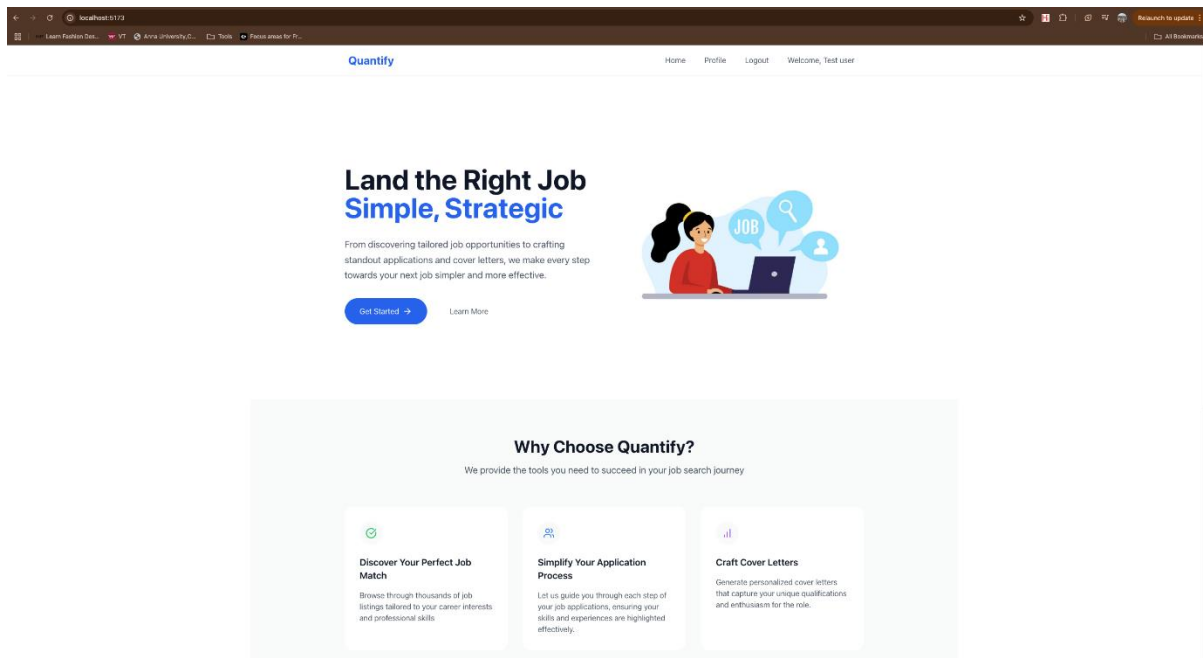
Quantify

Project members:

Khavin Krishnan Kalpana
Vineela Yerrabelli
Aditya Reddy Sabbella
Uma Sruthy Gajula
Krishna Vamsi Dhulipalla

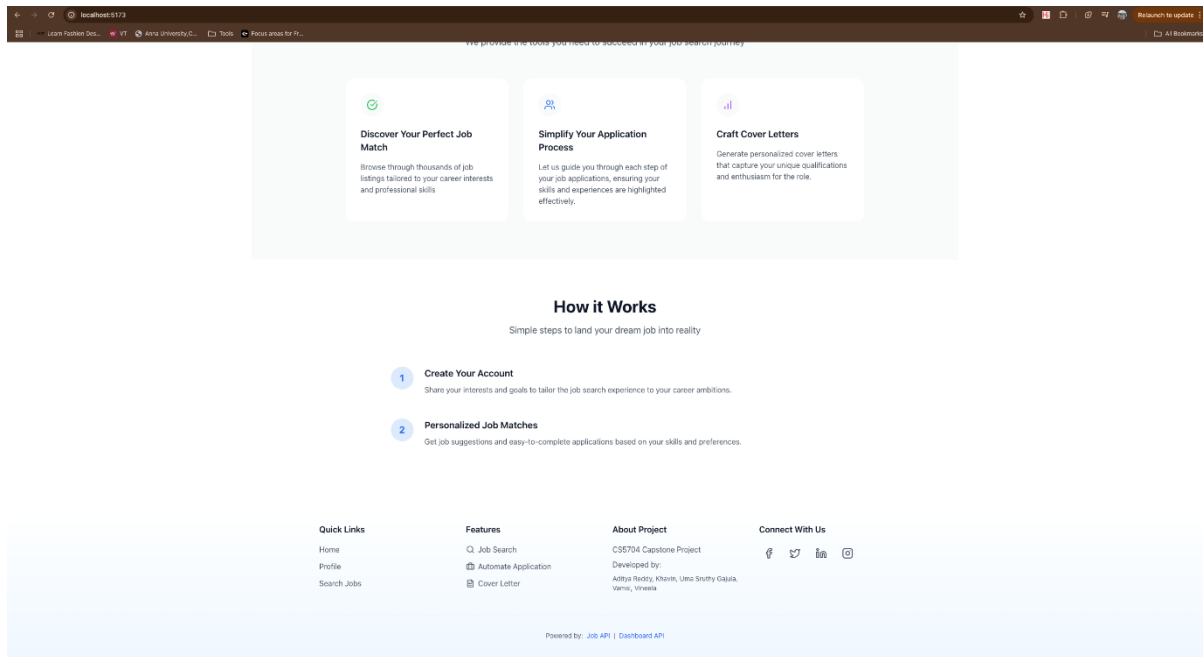
1. Demo working product system

Dashboard home page:

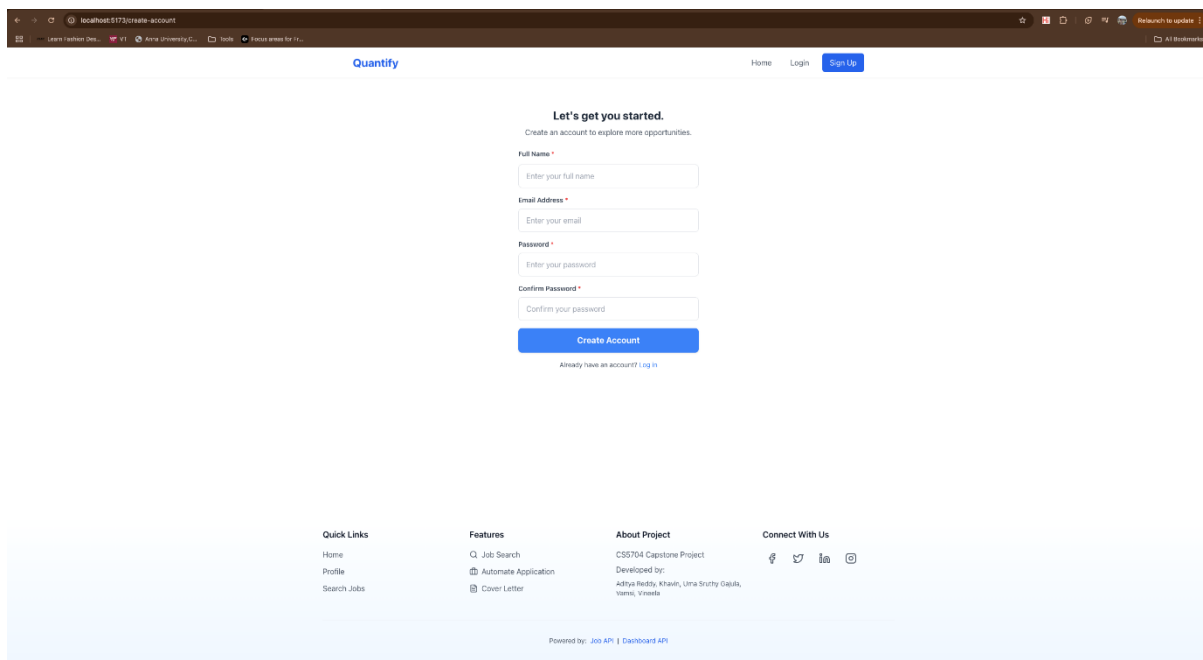


The dashboard home page is created using React.js, Tailwind CSS, Radix UI and React router. The home page shows the capabilities of the Quantify portal and high-level details on how the portal works.

Home page continued:



Signup screen:



The users can sign up to Quantify by providing their Full name, email address and password. We have used Firebase for storing user credentials and for providing authentication services.

Login screen:

Quantify

Home Login [Sign Up](#)

Welcome Back!

Log in to your account to continue.

Email Address *
Enter your email

Password *
Enter your password

[Forgot your password?](#)

[Log In](#)

[Don't have an account? Sign Up](#)

Quick Links
Home
Profile
Search Jobs

Features
Job Search
Automate Application
Cover Letter

About Project
CSS704 Capstone Project
Developed by:
Adhya Reddy, Khairi, Utra Shruya Galati,
Varun, Yashita

Connect With Us
Facebook Twitter LinkedIn Instagram

Powered by: [Job API](#) | [Dashboard API](#)

The users can login to the portal using their email and password. The credentials will be validated by firebase.

Create Profile screen:

Quantify

Home Profile Logout Welcome, Test user

Let's create your Profile

First Name

Last Name

Education 1
Enter your School name
Enter your School Major
Start Month Start Year
End Month End Year

Experience 1
Enter your Company name
Enter your Work Role
Start Month Start Year
End Month End Year
Role description

Address
Street
Apt.
City
State
Zipcode

LinkedIn

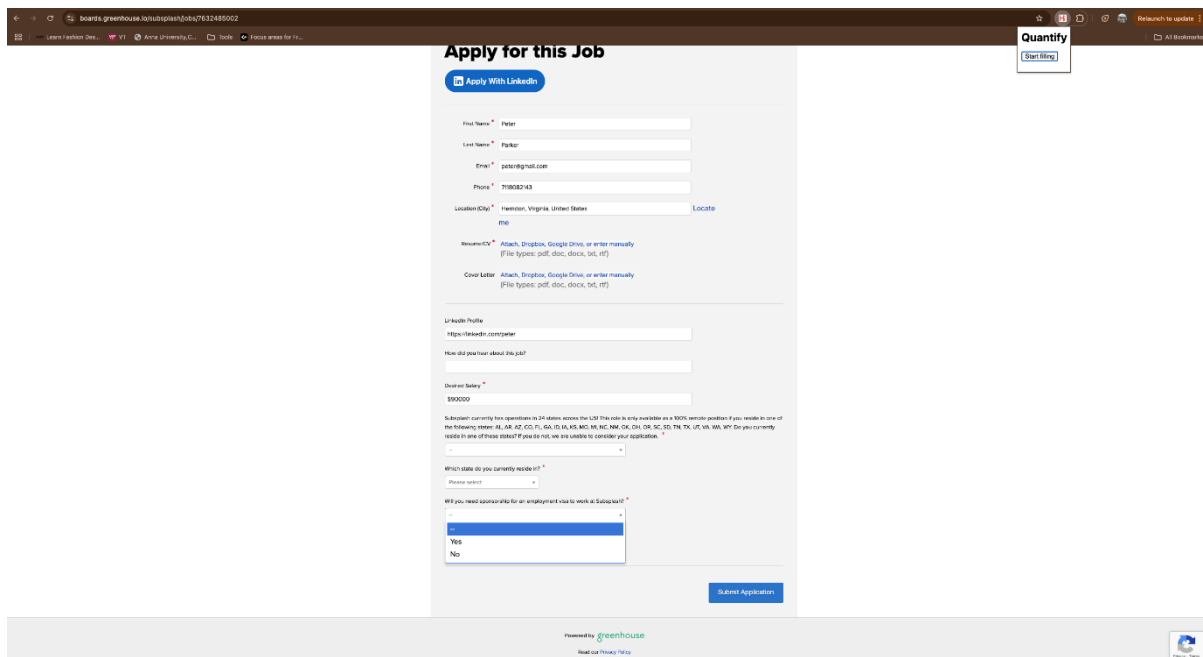
Portfolio

Your CV/Resume [Upload File](#) No file chosen

[Create Profile](#)

Once the user signs up for Quantify, they can provide their address, contact details, education information and professional experience.

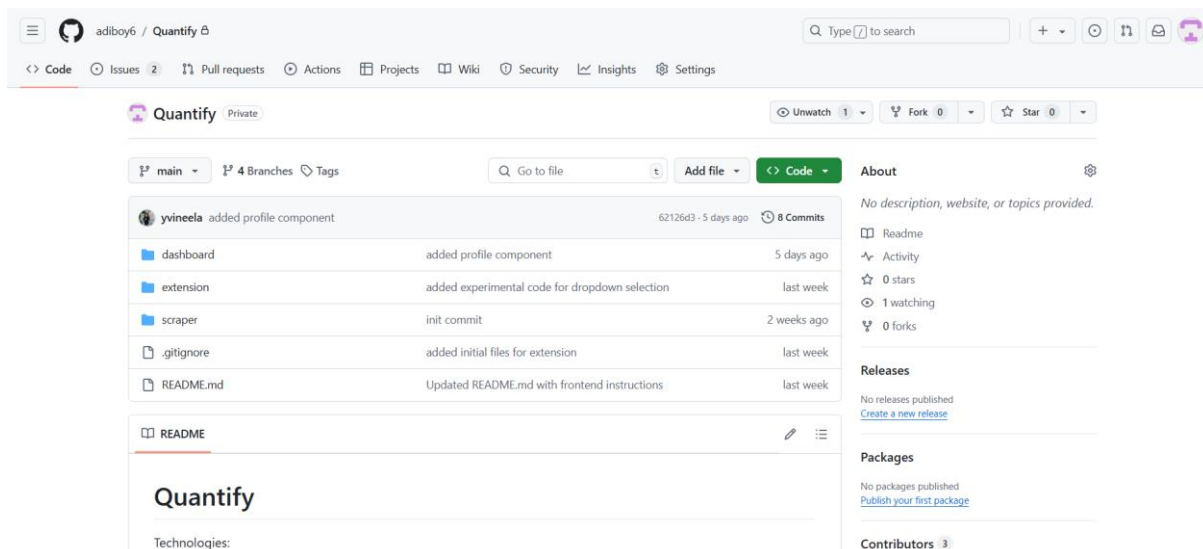
Chrome Extension:



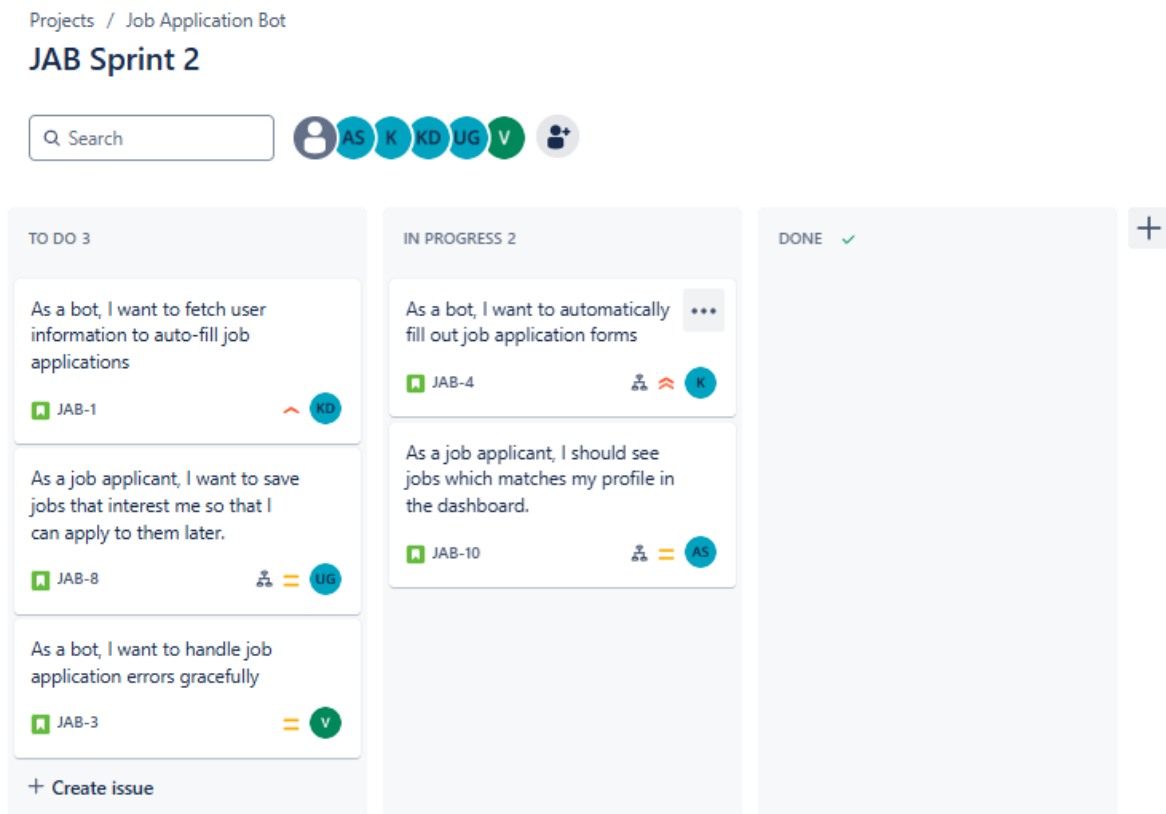
Chrome extension “Quantify” is created using HTML, CSS and JavaScript. The extension goes through Document Object Model (DOM) to identify input fields and autofill those fields. As of now, the extension can only fill input fields, and it cannot fill fields like “Select” elements.

2. Collaboration Space

We employed a combination of GitHub, WhatsApp, and JIRA to oversee our project code and coordinate team tasks. Our GitHub repository consists of a single main branch utilizing a trunk-based branching strategy, enabling each team member to create their own branches to work independently and reduce the likelihood of interference. Once changes are completed, we can merge these branches back into the main branch, ensuring the integration of new code occurs with minimal complications or merge conflicts.



Our JIRA board acts as a centralized location for all the user stories we plan to accomplish over the semester. We transferred all the stories intended for Sprint 1 from the backlog to the "to do" section. Tasks associated with these stories were systematically assigned to various team members, allowing us to work through them until the sprint concluded, while also taking on new tasks as we finished the previous ones.



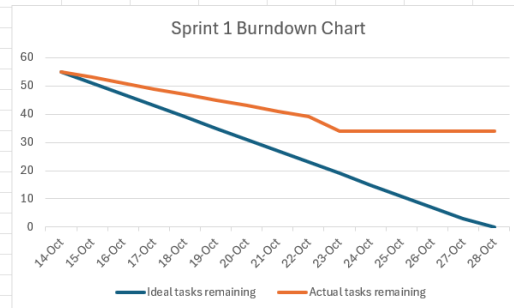
3. Scrum

Sprint 1 Backlog:

Type	#	Key	Summary	Status	Story point estimate	Priority	Created	Assignee
JAB Sprint 1								
Issue	JAB-2		As a job applicant, I want to be able to Register/Login to the application	DONE	13	High	Oct 1, 2024	Uma Sruthy Gajula
Issue	JAB-11		Create register screen page to register the user into the system	DONE	5	Medium	Oct 2, 2024	Uma Sruthy Gajula
Issue	JAB-12		Implement Login screen/functionality so that users can access the account.	DONE	5	Medium	Oct 2, 2024	Uma Sruthy Gajula
Issue	JAB-13		Verify Password during login to ensure that only users can access their account.	DONE	1	Medium	Oct 2, 2024	Aditya Reddy Sabbella
Issue	JAB-14		Database for storing user credentials	DONE	2	Medium	Oct 2, 2024	Aditya Reddy Sabbella
Issue	JAB-4		As a bot, I want to automatically fill out job application forms	IN PROGRESS	34	High	Oct 1, 2024	khavin
Issue	JAB-33		Load user profile information from service worker	IN PROGRESS	8	Medium	Oct 24, 2024	khavin
Issue	JAB-34		Load user resume from service worker	IN PROGRESS	9	Medium	Oct 24, 2024	khavin
Issue	JAB-35		Store the user profile info and resume in indexed db	IN PROGRESS	8	Medium	Oct 24, 2024	khavin
Issue	JAB-36		Retrieve user profile info and resume from content script	TO DO	9	Medium	Oct 24, 2024	khavin
Issue	JAB-9		As a job applicant, I want to edit and update my profile, so I can keep my information up-to-date fo...	DONE	8	High	Oct 1, 2024	Vineela
Issue	JAB-15		View Profile - Users can view profile information so that users can see what details they have provid...	DONE	2	Medium	Oct 2, 2024	Vineela
Issue	JAB-16		Update Profile - Users want to edit their profile information (e.g., name, email, resume, contact detai...	DONE	2	Medium	Oct 2, 2024	Vineela
Issue	JAB-17		Validating profile - Validating users profile changes (e.g., proper email format, required fields) to ens...	DONE	1	Medium	Oct 2, 2024	Krishna vamsi Dhuli...
Issue	JAB-18		Database Storing -update the user information in the database when users edit and save their profil...	DONE	1	Medium	Oct 2, 2024	Krishna vamsi Dhuli...
Issue	JAB-19		Confirmation Message - Users will receive a confirmation message after updating their profile so th...	DONE	1	Medium	Oct 2, 2024	Krishna vamsi Dhuli...
Issue	JAB-21		Frontend page for managing profile	DONE	1	Medium	Oct 2, 2024	Krishna vamsi Dhulipa...

Sprint 1 Burndown Chart:

	14-Oct	15-Oct	16-Oct	17-Oct	18-Oct	19-Oct	20-Oct	21-Oct	22-Oct	23-Oct	24-Oct	25-Oct	26-Oct	27-Oct	28-Oct
Ideal tasks remaining	55	51	47	43	39	35	31	27	23	19	15	11	7	3	0
Actual tasks remaining	55	53	51	49	47	45	43	41	39	34	34	34	34	34	34



Sprint retrospective:

We were able to complete 2 of the 3 user stories mentioned in Sprint 1.

Completed User Stories:

JAB-2: As a job applicant, I want to be able to Register/Login to the application

JAB-9: As a job applicant, I want to edit and update my profile, so I can keep my information up to date for job applications.

Incomplete tasks:

JAB-4: As a bot, I want to automatically fill out job application forms

Challenges faced:

None of the team members had any knowledge on how to create a Chrome extension. So, we spent a lot of our time going through the documentation and tutorials to learn how to create an extension. Because of this, we were not able to complete the JAB-4 user story.

Things that went well:

Most of the team members had experience working with React.js before, so we were able to quickly create nice user interfaces. We also took advantage of external libraries to speed up our development process. For example, for user registration and authentication, instead of storing the passwords and verifying them ourselves, we delegated that task to Firebase. This helped us quickly complete the JAB-2 user story.

Things that could be improved:

At the end of Sprint 1, we felt that we could have communicated much more clearly regarding who's going to do what. We had duplication of efforts for some of the tasks. But we were able to identify this quickly and rectify the issue. We have decided to have a standup twice every week and this should help us stay on the right track.

Product Backlog (Updated):

- No new stories were added to this sprint, and while we successfully completed most of the tasks on schedule, one task was not finished and has been moved to the next sprint. Therefore, there are no additions to your backlog.

Issue Tracking:

The screenshot shows the Jira issue tracking interface for the 'Quantify' project. The top navigation bar includes 'Code', 'Issues 2', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. A search bar is present with the text 'Type [Z] to search'. Below the navigation bar, there are filters for 'Labels 9' and 'Milestones 0', along with a 'New issue' button. The main content area shows a list of issues with columns for status, author, label, projects, milestones, assignee, and sort order. The issues listed are:

- 2 Open, 2 Closed
- Scraper to crawl through job boards (#4 opened 2 minutes ago by adiboy6)
- Web extension to fetch user profile data (#3 opened 2 minutes ago by adiboy6)
- Create a User Profile page with all the relevant fields (#2 by adiboy6 was closed 1 week ago)
- Create a Login/Registration page (#1 by adiboy6 was closed 1 week ago)

Include your Sprint 2 backlog:

Type	#	Key	Summary	Status	Story point estimate	Priority	Created	Assignee
JAB Sprint 2								
	JAB-1		As a bot, I want to fetch user information to auto-fill job applications	TO DO	8		Oct 1, 2024	Krishna vamsi Dhuli...
	JAB-3		As a bot, I want to handle job application errors gracefully	TO DO	5		Oct 1, 2024	Vineela
	JAB-4		As a bot, I want to automatically fill out job application forms	IN PROGRESS	34		Oct 1, 2024	khavin
	JAB-33		Load user profile information from service worker	IN PROGRESS	8		Oct 24, 2024	khavin
	JAB-34		Load user resume from service worker	IN PROGRESS	9		Oct 24, 2024	khavin
	JAB-35		Store the user profile info and resume in indexed db	IN PROGRESS	8		Oct 24, 2024	khavin
	JAB-36		Retrieve user profile info and resume from content script	TO DO	9		Oct 24, 2024	khavin
	JAB-8		As a job applicant, I want to save jobs that interest me so that I can apply to them later.	TO DO	3		Oct 1, 2024	Uma Sruthy Gajula
	JAB-29		User should be able to save/remove job listings from saved jobs	TO DO	1		Oct 2, 2024	
	JAB-30		Create a Saved Jobs UI to display all the saved jobs	TO DO	2		Oct 2, 2024	
	JAB-10		As a job applicant, I should see jobs which matches my profile in the dashboard.	TO DO	34		Oct 1, 2024	Aditya Reddy Sabbella
	JAB-24		Create a dashboard UI that retrieves job listings from backend and populate in the dashboard	TO DO	6		Oct 2, 2024	
	JAB-25		User should have the ability to sort the listings (Recently posted on by default)	TO DO	7		Oct 2, 2024	
	JAB-26		User should be able to filter the job listings on dashboard by job type, role, location and so on.	TO DO	7		Oct 2, 2024	
	JAB-28		Implement pagination for the job listings in the dashboard	TO DO	7		Oct 2, 2024	
	JAB-32		User should be able to multi-select job listings and apply at once.	TO DO	7		Oct 2, 2024	