

## Sprint 1 documentation

### Goal:

Our main objective for sprint 1 is to develop the basic job board functionality (creating users, posting/applying/searching for jobs) as this is the basis for the rest of the functionality we outlined in our product backlog. This will obviously involve creating the website homepage, login page frontend and backend, and profile pages for job seekers and employers.

### Participants:

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### Team capacity:

Based on the difficulties we assigned in scrum poker (we used a Fibonacci sequence), our team capacity is 39.

### User stories selected/sub-tasks

User story	Description	Sub tasks
As an applicant, I want to register or log into the app so that I can work on my profile (difficulty = 13)	Need to implement account system for job seekers and profile pages and ensure proper authentication and encryption of login details	<ul style="list-style-type: none"><li>• Implement frontend for sign-up/login and profile pages via react</li><li>• Implement database for account system via postgresql</li><li>• Implement authentication and database querying backend via flask</li></ul>
As an applicant, I want to modify my profile so that I can briefly introduce myself to employers (difficulty = 3)	Need to add edit button to profile pages and allow editing of posted information	<ul style="list-style-type: none"><li>• Use react to link edit button to HTML elements for editing</li></ul>
As an employer, I want to register my company or log in with the company account so that I can view	Need to implement account system for job employers and profile pages and ensure proper	<ul style="list-style-type: none"><li>• Implement frontend for sign-up/login and profile pages via react</li></ul>

the applications (difficulty = 13)	authentication and encryption of login details	<ul style="list-style-type: none"> <li>• Implement database for account system via postgresql</li> <li>• Implement authentication and database querying backend via flask</li> </ul>
As an employer, I want to post positions on the job board so that every applicant can see the job posting (difficulty = 5)	Need to create dynamic job board that lists current open job postings	<ul style="list-style-type: none"> <li>• Implement job board page and post via react</li> <li>• implement database modification via flask</li> </ul>
As an applicant, I want to search and filter through the jobs available on the platform (according to keywords, application deadlines, etc...) so that I can find the most relevant searches (difficulty = 5)	Need to create search bar element on job board and link it to querying system	<ul style="list-style-type: none"> <li>• Implement search bar element via react</li> <li>• Implement database querying via flask.</li> </ul>

Spikes for this sprint involve research on general viability and use of react to build our project.

### **Decisions about user stories**

- One unified login page for both job seekers and employers
- Considering state switching via react for the dashboards depending on whether the user is an employer or job seeker