

Job Application Tracker

GROUP 6

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Statement of Purpose

We are college students who are either looking for internships during the summer or for jobs after we graduate. We hope to make an app that not only helps ourselves in the future but also help others in the application process.



WING IT

Problem

People looking for a job often apply to many different companies and positions in a short period of time and it can be difficult to keep track of where you are in the process of every application and remember where you applied to and when.

The information for all of this is often stored in very different places, like through the company's website or in individual emails. Just using your brain to remember everything could lead to missing deadlines or forgetting about certain jobs.

Using a spreadsheet or word doc to keep track of things can take a lot of tedious editing and it isn't the most visually appealing or intuitive to navigate.

Appetite

- We have about 5 weeks left in the quarter to complete the project, so want to have a straightforward idea that we can “perfect”
- We have other classes to devote time to, so we don’t want to load ourselves with too much to do each week

→ Might want to limit the less necessary, more complex features we can do (like company logos or graphed statistics) or at least put those as lowest priority

→ Focus on making our baseline features the best we can as well as testing thoroughly before adding additional things

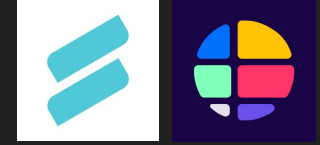
Solution

Our solution is to create an application that helps users keep track of all their job applications. When users apply for a job, they can enter the information (Company, Job Description, Location, Date Applied) into the app and a job box will be created in the app. If the status of their application changes, such as moving forward with interviews, they can update this information on the application. Users will be able to easily see and edit all this information and the data will be stored locally, so no worries for losing their data.

Features

- **Creating job applications**
 - Text input - Application date, company name, position, Location
 - Additional Features - Company logo(user upload, auto-assigned), link, misc notes.
- **Application Stage(s)**
 - Choose from existing tags and add date/time - Applied, screening, interview, offer/rejected
 - Additional Features - User definable tags
- **Edit job application**
 - Edit any details that was taken as user input, choose stage.
- **Delete**
 - Confirmation for delete
- **Viewing Applications**
 - List View - Company name, location, position, stage, date is viewable on hover over stage
 - Default sorted by application date.
 - Additional features - sorting by alphabetical, stage, position, company
 - Search - filter by date, position, company
- **Application Statistics (Additional Feature)**
 - New tab that shows % of jobs with offers or % rejected.

Competitor Application Analysis



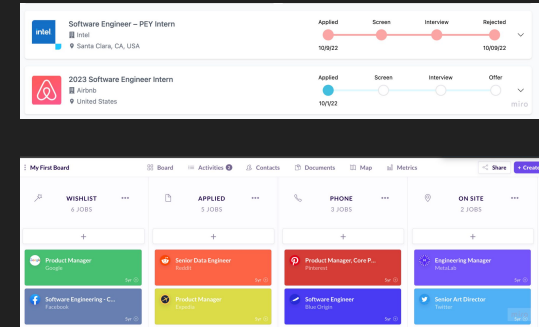
Simplify/Huntr

Strengths

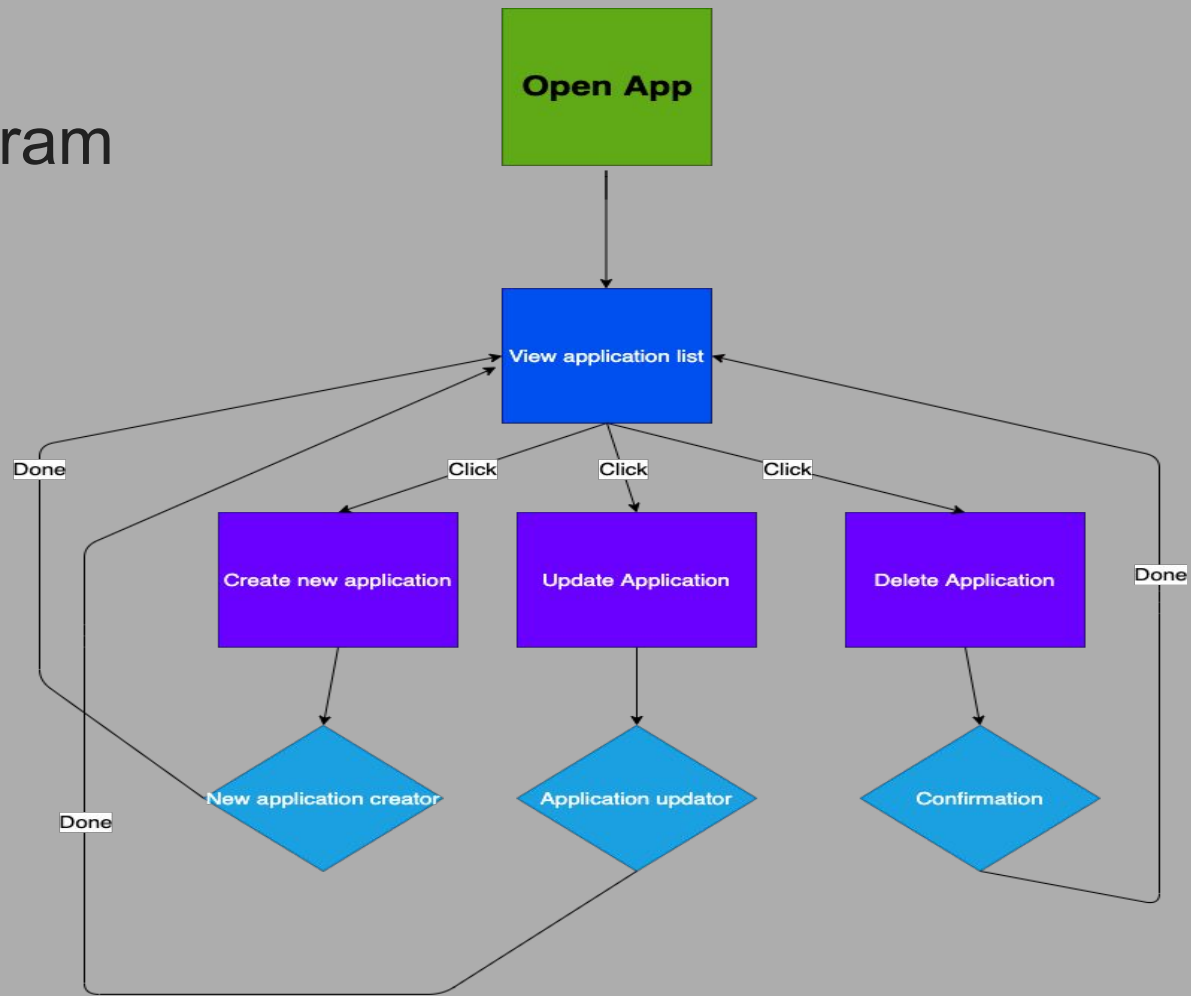
- Easy to navigate, having clean and simple UI
- Advance feature
 - Browse job listings
 - Matches jobs to your preferences
 - Helps users apply for jobs (Auto fills resume)
 - Page scraping

Weakness

- Limited filters for applied jobs and has an emphasis on job search.
- Some features are locked from a paywall, such as job metrics



System Diagram



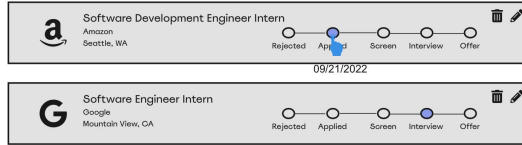
Wireframe (Main Pages)



Your Applications

2 Total Applications

+ Add Application



Delete Job

Are you sure you want to delete this job?

Cancel

Delete



Add Application

Company *

Google

Location

Mountain View, CA

Position *

Software Engineer Intern

Date



Cancel

Save



Edit Application

Company

Google

Location

Mountain View, CA

Position

Product Manager Intern

Date



Cancel

Update

Wireframe Continued (Application Stage)



Your Applications

2 Total Applications

+ Add Application

a Software Development Engineer Intern
Amazon
Seattle, WA

Rejected Applied Screen Interview Offer

Trash Edit

G Software Engineer Intern
Google
Mountain View, CA

Rejected Applied Screen Interview Offer

Trash Edit



Your Applications

2 Total Applications

+ Add Application

a Software Development Engineer Intern
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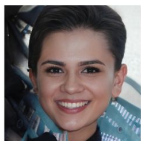
Trash Edit

G Software Engineer Intern
Google
Mountain View, CA

Rejected Applied Screen Interview Offer

Trash Edit

User Personas



Johana Doe

Age: 21

Occupation: Software Developer
Intern

Location: United States

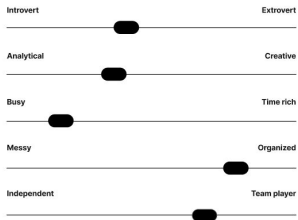
Education: Computer Science

Status: Single

Bio

Johana is a self-taught software developer and a computer science student. She is looking for new internship/job opportunities.

Personality



Interests

- Software Development
- Artificial Intelligence
- Web Development
- Learning new coding languages

Influences

- Recognition from peers
- High demand job
- Personal satisfaction

Goals

- Become a pro in her field
- Gain worldwide connections with like-minded developers
- Start her own business

Needs & Expectations

- Be a part of a research
- Get an internship / part time job
- Create personal portfolio website
- Keep track of job applications / interviews

Motivations

- Exciting opportunities
- High pay / salary
- Comfort / Convenience

Pain Points / Frustrations

- Cannot decide on one field to continue with her career
- Lack of time to work on personal projects
- Cannot properly manage time and keep track of career related events



Fredrick Robbins

Age: 37

Occupation: Architect

Location: United States

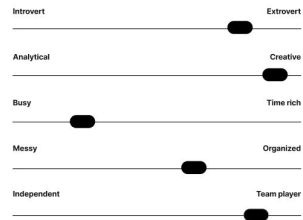
Education: Architectural Engineering / Art

Status: Married

Bio

Fredrick has recently decided to become Architect designer. He has been working as Architectural Engineer, so it shouldn't be that hard to adapt. Now he is looking for new job opportunities and trying to find an application to keep track of where he is in the process of each application.

Personality



Interests

- Architectural Design
- Art
- Learning new systems to work with

Influences

- Recognition from colleagues
- Personal satisfaction
- Work with people that has been published

Goals

- Adapt to a new occupation as soon as possible
- Please his clients
- Get published

Needs & Expectations

- Find new connections
- Apply to as many places as possible
- Get a referral
- Keep track of job applications / interviews

Motivations

- High pay / salary
- Comfort / Convenience
- Work in the desired field

Pain Points / Frustrations

- Finding reliable and knowledgeable partners during planning process
- Keep job applications in one place and easy to manage
- A tendency to work with or prefer previously established relationships

Roadmap of Project (Front End Team) - HTML, CSS

10/26-10/30: Create a shared list of id names that will be used for the elements of the website with the backend team.

10/30~11/6: Create skeleton pages for each content page using HTML only.

11/6~11/13: Use CSS to correctly layout and design of the webpage.

11/13~11/20: Continue designing the page using appropriate class, element and id tags.

11/20~11/27: Check for hidden errors

11/27~12/6: Project Finalization

Roadmap of Project (Back End Team) - JS

10/26-10/30: Create a list of id names that will be used for the elements of each website with the frontend team.

10/30~11/6: Layout the basic code for each CRUD methods with the shared variable names from the frontend team

11/6~11/13: Continue writing the layout code for CRUD method.

11/13~11/20: Start linking the HTML id tags with the CRUD method to check functionality, adjust if there have been changes with variable names.

11/20~11/27: Unit testing/Checking for hidden errors

11/27~12/6: Project Finalization.

Rabbit Holes

- Too many Features, too little time.
 - Everything beside the main crud functions are under “additional features” and can be dropped
- Too little technical expertise to polish the front end.
 - Just as some of the labs, making things look pretty might end up taking more time as we have to account for feedbacks.
- Backend algorithms
 - We are planning to include a sort by feature which may take up too much time to implement
 - If we do include the search feature, after creating a simple string search, the displayed data also have to be sorted in a certain order, which again make take up too much time.
- Taking too long to decide on specifics
 - Example: what data structure would be the best to store the job. What type of search algorithm would we use.

No-Goes - use cases/ features intentionally not covered

- Duplicate Applications:
 - Check for duplicate applications, notify the user on the time of creation.
 - Functionality not covered due to lack of time.
- Where / how to get/upload company logos (not supported by the app)
 - Even though there are no copyright infringement laws on company logos, to support this feature, we have to store a possibly infinite amount of logos and implement a search function for the user to find the logo which would make the app bulky, potentially slower to run, and definitely slower to implement.
- Other statistics
 - Unlike other apps, our app will not show statistical data such as total number of applicants to the role.