

Project Pitch: Job Application Manager

Team 24: The Hexadecimators



Problem: It is hard to keep track of the jobs one has applied to, and the different results and statuses of each application.

User Story 1

Persona: a professional considering changing career fields.

As a professional considering entering a new career field, I want to be able to explore many possible opportunities in order to find a position that best fits the skill-set I have developed.

- Can use the tagging feature to filter applications if they are open to entering several different new fields
- Can also use these tags to generate relevant resumes for each field or position

User Story 2

Persona: students with discipline in several fields applying for multiple positions with multiple categories (New Grad/Intern, SWE/Hardware/Data analyst, etc)

As a student seeking for positions with multiple types, I want to be able to categorize them based on types to keep track of them more easily. A clear categorization also helps me with time management since I will know what type of positions are due soon so that I can put more efforts in preparing for interviews for that type of jobs.

- Can use the tag feature to categorize applications based on type of jobs and sort them by soonest deadline.

User Story 3

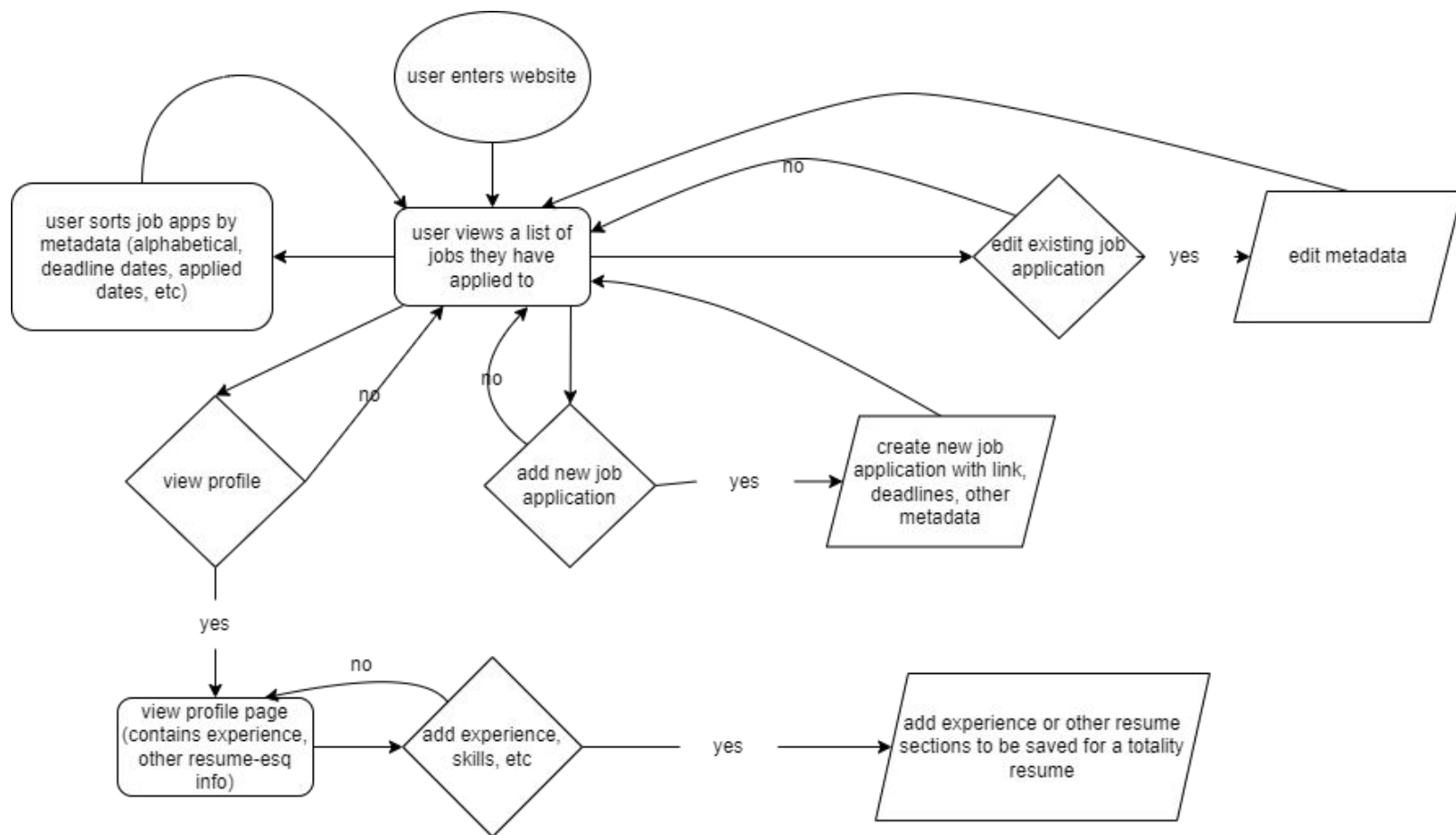
Persona: a person who is looking for a job and has a high volume of applications

As a person who has applied to hundreds of jobs, I need a place to manage all of my applications, especially the different statuses and metadata related to each, as I could be in the process with multiple companies at any given time.

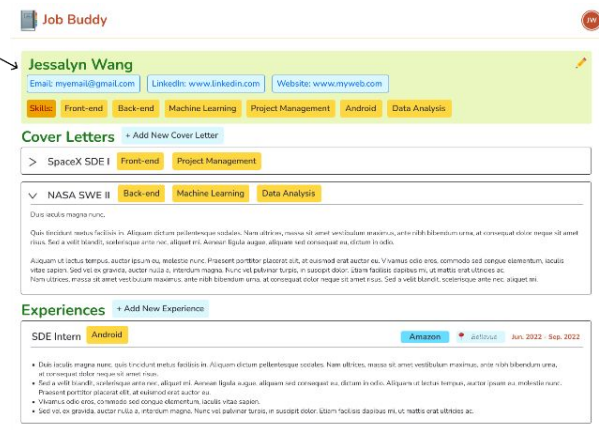
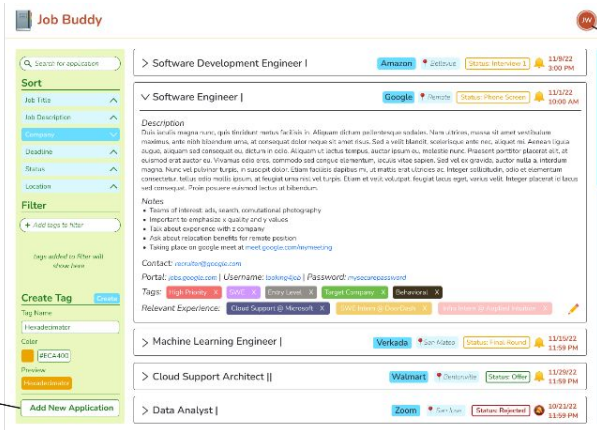
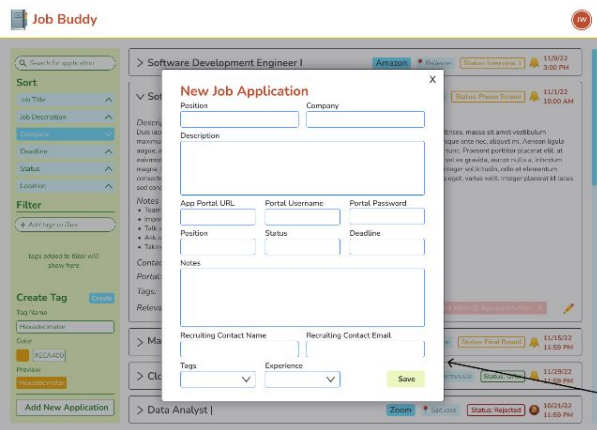
- Can use the ability to store notes and deadlines to keep track of what is due first as well as important tidbits of information such as company values, interview format, etc.
- Can use the resume feature to easily keep track of all experiences for putting together a one page resume for each application.

Solution: Job
Application Manager

User Flow



Wireframe





Sort

Job Title ^

Job Description ^

Company v

Deadline ^

Status ^

Location ^

Filter

+ Add tags to filter

tags added to filter will show here

Create Tag

Create

Tag Name

Hexadecimal

Color

#ECA400

Preview

Hexadecimal

Add New Application

> Software Development Engineer I

Amazon

Bellevue

Status: Interview 1

11/9/22 3:00 PM

✓ Software Engineer |

Google

Remote

Status: Phone Screen

11/1/22 10:00 AM

Description

Duis iaculis magna nunc, quis tincidunt metus facilisis in. Aliquam dictum pellentesque sodales. Nam ultrices, massa sit amet vestibulum maximus, ante nibh bibendum urna, at consequat dolor neque sit amet risus. Sed a velit blandit, scelerisque ante nec, aliquet mi. Aenean ligula augue, aliquam sed consequat eu, dictum in odio. Aliquam ut lectus tempus, auctor ipsum eu, molestie nunc. Praesent porttitor placerat elit, at euismod erat auctor eu. Vivamus odio eros, commodo sed congue elementum, iaculis vitae sapien. Sed vel ex gravida, auctor nulla a, interdum magna. Nunc vel pulvinar turpis, in suscipit dolor. Etiam facilisis dapibus mi, ut mattis erat ultricies ac. Integer sollicitudin, odio et elementum consectetur, tellus odio mollis ipsum, at feugiat urna nisl vel turpis. Etiam et velit volutpat, feugiat lacus eget, varius velit. Integer placerat id lacus sed consequat. Proin posuere euismod lectus ut bibendum.

Notes

- Teams of interest: ads, search, comutational photography
- Important to emphasize x quality and y values
- Talk about experience with z company
- Ask about relocation benefits for remote position
- Taking place on google meet at [meet.google.com/mymeeting](#)

Contact: [recruiter@google.com](#)

Portal: [jobs.google.com](#) | Username: [looking4job](#) | Password: [mysecurepassword](#)

Tags: High Priority X SWE X Entry Level X Target Company X Behavioral X

Relevant Experience: Cloud Support @ Microsoft X SWE Intern @ DoorDash X Infra Intern @ Applied Intuition X

> Machine Learning Engineer |

Verkada

San Mateo

Status: Final Round

11/15/22 11:59 PM

> Cloud Support Architect ||

Walmart

Bentonville

Status: Offer

11/29/22 11:59 PM

> Data Analyst |

Zoom

San Jose

Status: Rejected

10/21/22 11:59 PM



Search for application

Sort

Job Title

Job Description

Company

Deadline

Status

Location

Filter

+ Add tags to filter

tags added to filter will show here

Create Tag

Create

Tag Name

Hexadecimal

Color

#ECA400

Preview

Hexadecimal

Add New Application

> Software Development Engineer I

Amazon

Bellevue

Status: Interview 1

11/9/22 3:00 PM

> Software Development Engineer I

Status: Phone Screen

11/1/22 10:00 AM

> Software Development Engineer I

Status: Final Round

11/15/22 11:59 PM

> Software Development Engineer I

Status: Offer

11/29/22 11:59 PM

> Software Development Engineer I

Status: Rejected

10/21/22 11:59 PM

New Job Application

X

Position

Company

Description

App Portal URL

Portal Username

Portal Password

Position

Status

Deadline

Notes

Recruiting Contact Name

Recruiting Contact Email

Tags

Experience

Save



Jessalyn Wang

Email: myemail@gmail.com

LinkedIn: www.linkedin.com

Website: www.myweb.com

Skills: Front-end Back-end Machine Learning Project Management Android Data Analysis

Cover Letters

+ Add New Cover Letter

> SpaceX SDE I Front-end Project Management

▼ NASA SWE II Back-end Machine Learning Data Analysis

Duis iaculis magna nunc,

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Experiences

+ Add New Experience

SDE Intern Android

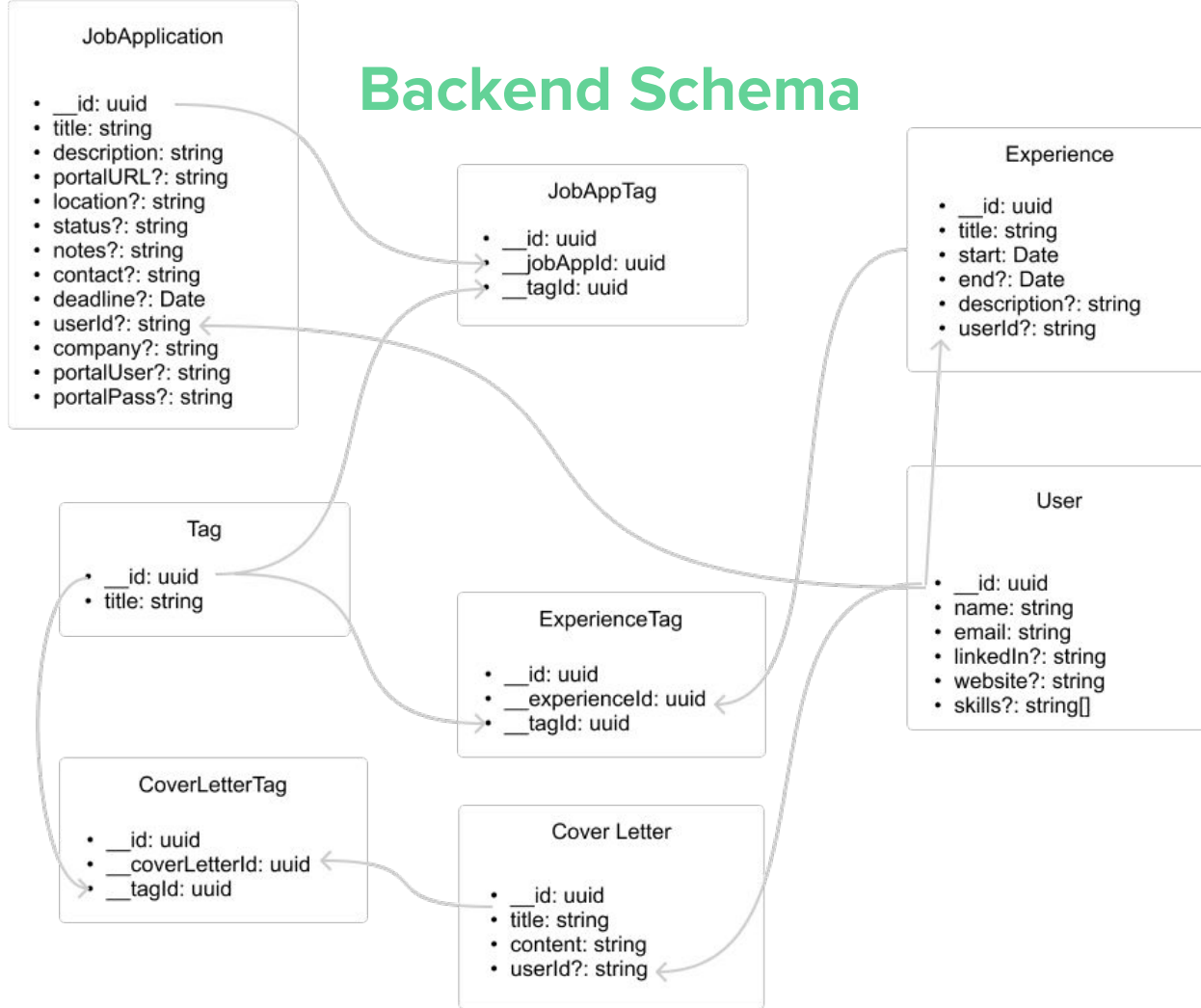
Amazon Bellevue Jun. 2022 - Sep. 2022

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- Sed vel ex gravida, auctor nulla a, interdum magna. Nunc vel pulvinar turpis, in suscipit dolor. Etiam facilisis dapibus mi, ut mattis erat ultricies ac.

Features

1. Contact information: Recruiters/Hiring Managers
2. Link to third party app portal + username and password used for the portal
3. Deadlines for applications
4. Interview dates and times and topics, company principles
5. Job description and title
6. Offer information for comparison/leveraging + deadline
7. Ability to tag applications with base or custom tags
8. The ability to save information on your entire experience and tag each experience for easy resume generation
9. Personal notes
10. Keyword search, filtering, and sorting of applications, experiences

Backend Schema



Risks, Pitfalls, Rabbit holes

- One of the risks will be coming from the users themselves. If some of the information has been entered with mistakes, it could be hard for users to recover info such as contact information as well as search results since we will not account for typos.
- One possible rabbit hole is that we will focus on providing a lot of features when in reality it is best to have less features for better usability and less density/confusion.
 - Hopefully mitigate by having third party users test the application as development is going
- Another risk is having ambiguously defined features, such as priority. Users can sort by priority, but it is very likely that multiple applications will have equal/unassigned priority, and it would differ by user opinions on what should happen in this case
- A pitfall is that we are not able to get all of the features done due to time restraints. In this case, we will have to scale back features and focus on what is important. At a baseline, we want to be able to add jobs with title and description, tags, and sort/filter by title/description or tags

Project Roadmap

Weeks 0-5: Team building, division of roles, brainstorming, design work

Week 6: Project pitch

Week 7: CI/CD pipeline finished, First dev tasks done

Week 8: Second and third dev tasks done, re-evaluate scope if needed

Week 9: Fourth and fifth dev tasks done, re-evaluate scope if needed

Week 10: Final testing and stretch goals

Roles + Technologies

Front-end: Isabelle, Eric, Jin, Pierre

Back-end: Jessalyn, Alex, Hayk, Qingxin

Design: Srivasta, Isabelle, Eric

Technologies: HTML, CSS, Javascript for front-end, back-end. Node + Jest for testing. If time permits, a cloud-based side