

A blue parallelogram and a light green parallelogram are positioned on the left side of the slide, overlapping each other and the dark background.

Suus Job Tracker

Project Pitch

By SuuS (Team 23)



Job/Internship Tracking

- Excel-type spreadsheet
 - Track companies applied to, open positions, application status, deadlines, etc
- Links to other job sites
- Option beside each internship/Job on its status (working on CV/ incomplete/done)
 - Allows user to see if he/she has applied or if they are in the process of applying
- Personal Ranking
 - Allow user to rank the jobs to the one he/she is really interested in to the ones that he/she is least interested in
- Categorization
 - Allow list of jobs/internships to be categorized by if some needs a CV or not or any other way
 - By job description
 - For example: data science, backend, frontend, ML
- Pros:
 - We can have autofill on company name fields/status
 - Targeted and applicable user base
 - Extendable features
 - Notifications
 - Web scraping
 - Share link with other people
- Cons:
 - Exists already
 - May be difficult to implement additional features beyond CRUD



Inspiration

- Ourselves
 - We are our own target user niche
- Perceived gap in the market

Purpose

- Focus on the user group of students or new grads, to easily address they need for seeking internship.
 - Benefit (guide) on the students or new grads who are insecure about finding an internship, making tracking process easy to manage.
 - Get more feedbacks from fellow students for easier application of Agile programming process.
- Help users(students) organize their internship application in progress
 - Avoid information scatter amongst platforms such as linkedIn, Handshake, which will cause confusion and inconvenience.
 - Clear UI help users to track on more important internship informations(new release jobs, put the ghosted internships on the bottom of the list)



Purpose

- Save time and submit more applications
 - Submitting individual applications one at a time can be a very repetitive, time consuming process. Streamlining this process could allow for students to spend far less time applying to the job and more time preparing for potential interviews.
- Manage progress while staying organized.
 - Keeping track of all the internships a given student has applied to and plans to apply to can be daunting without a system in place. Our application provides such a system.
- Mitigate stress
 - Application season is a very stressful time for students and all together these features within our application collectively aim to reduce stress for students applying to internships.

Features by priority

Autofill, web scraping, sort by tag, sharing, authentication, backend DB

1. Excel Style Spreadsheet (Urgent)

- Implement the Columns with "Internship Name", "Company", "Job Type", "Deadline", "Requirements", "Application Status" and "Priority"

2. Create Entry Button (Urgent)

- Allows to input each internship as an entry as shown in the High Fidelity Wireframe and have those inputs be placed in the appropriate column

3. Application Status Column (Urgent)

- For application status allow user to select between "Not Started", "In Progress", and "Done"

4. User Priority (High)

- Have a personal Ranking Feature implemented in the priority column that user can update

5. Internship Type Preset (High)

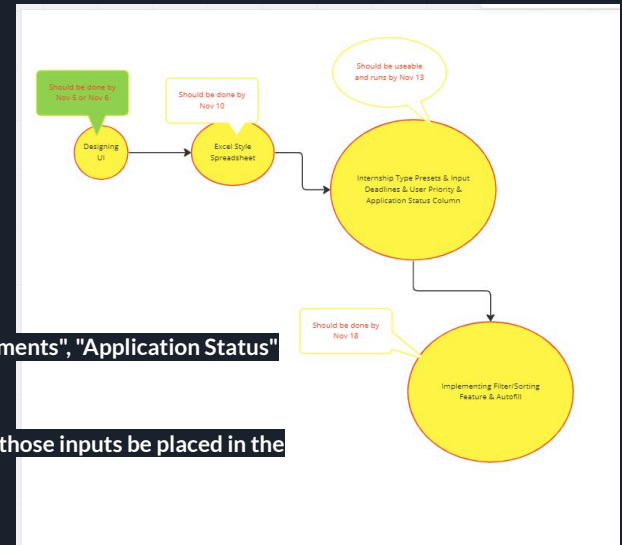
- Modify the Column For internship Type so we will have a preset list of types but the user can also input some more himself if he/she have something else

6. Filter Feature (High)

- Implement a filtering feature so that user can filter by job type or internship's details whether it needs a CV or not?

7. Autofill (Medium)

- Autofills what users might type in





Main Features

- CSV Spreadsheet
 - Main feature of site; user updates with each application
 - Uses CRUD operations for backend to store job data
- Status
 - Let user check if an application is complete or not
- Personal Ranking
 - Allows user to personalize ranking system
- Categorization
 - Improves organization and UX of spreadsheet
 - Enhances readability
- Site Links
 - Includes link to site of company applied to
 - Improves user navigation, ease of access
- Notifications
 - Notifies user of approaching application deadlines

Extendable Features

- Shareable Link with Other Users
 - Allows user to share spreadsheet link with others
- Web Scraping
 - Extract job openings/information from external sites
- Autofill Application
 - Automatically fill out application fields from user data



Competitor Analysis

- Coda
 - Lots of user personalization
 - Detailed UI
- Huntr
 - Tracks details extensively
- Teal's
 - Includes web extension

Our Value Proposition

- Include many of the features that existing competitors have, and combining them seamlessly
- User centered
 - Keep website as low friction and use time as possible
 - Underpromise to deliver core features
- Stretch Goals: We also have the potential to include extendable features in web scraping job postings and autofill for applications



User Personas

- Undergraduates/New Grad
 - Wants & Needs: needs to fill out many applications
 - Frustrations: tedious to input same info repeatedly
- Master's Student
 - Wants & Needs: looking for a research internship
 - Frustrations: hard to find the right internships
- Current Employee
 - Wants & Needs: looking for a new job or pursue higher education
 - Frustrations: hard to evaluate new job to the current one due to limit information
- High Productivity User
 - Wants & Needs: efficiently prioritize which internships
 - Frustrations: repetition of basic work like filling basic information for each application
- Disorganized User
 - Wants & Needs: needs to track which applications are done and which are still in progress
 - Frustrations: hard time organizing which internships requires only resumes or CVs and resumes

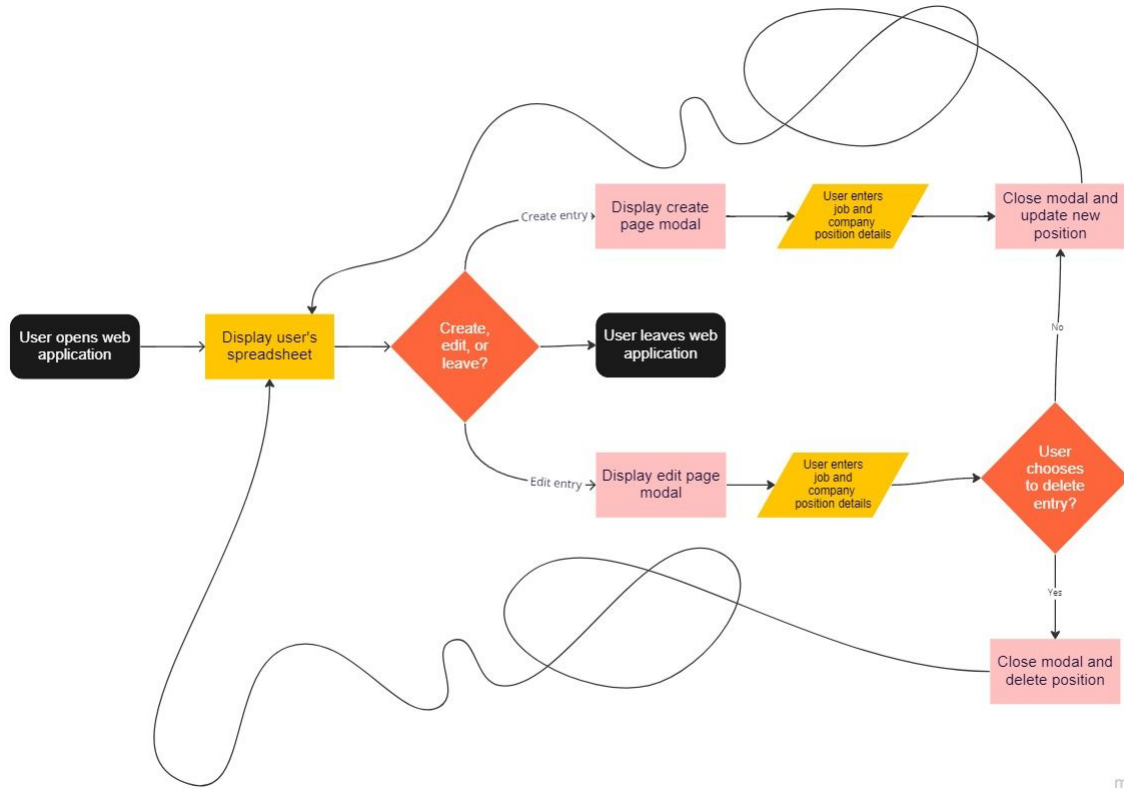
User Personas - Miro

Tom	Undergrad / New Grad
Reasons to use our product Focus on outcomes, not features Find jobs and track jobs easier than Handshake or LinkedIn	Biggest Frustrations I feel <input type="text"/> When <input type="text"/> Today I solve this by <input type="text"/> I feel <input type="text"/> When <input type="text"/> Today I solve this by <input type="text"/> I feel <input type="text"/> When <input type="text"/> Today I solve this by <input type="text"/>
Knowledge and Skills What do I know? What am I good or bad at? Good at learning new research at what speed Bad at having little knowledge of working experience	Attribute Scales Extravert <input type="text"/> 1 2 3 4 5 Sensing <input type="text"/> 1 2 3 4 5 Knowledge <input type="text"/> 1 2 3 4 5 Thinking <input type="text"/> 1 2 3 4 5 Network <input type="text"/> 1 2 3 4 5
Extra Info Statements, demographics, etc. Only include insights that affect how we build the product. There are many graduates in the same class, helping them to quickly locate their target career and effectively track each application.	

Persona Name	High Productivity User
Reasons to use our product Focus on outcomes, not features Fill out applications - basic information quickly without repetition.	Biggest Frustrations I feel <input type="text"/> When <input type="text"/> Today I solve this by <input type="text"/> I feel <input type="text"/> When <input type="text"/> Today I solve this by <input type="text"/>
Knowledge and Skills What do I know? What am I good or bad at? Good at organizing things, getting into on time Bad at communications, tend to hold things by myself.	
Attribute Scales Rate this persona on the attributes you selected in steps 2 and 3. Extravert <input type="text"/> 1 2 3 4 5 Sensing <input type="text"/> 1 2 3 4 5 Knowledge <input type="text"/> 1 2 3 4 5 Thinking <input type="text"/> 1 2 3 4 5 Network <input type="text"/> 1 2 3 4 5	

Jerry	Master's Student
Reasons to use our product Focus on outcomes, not features Apply their ability to doing research interns.	Biggest Frustrations I feel <input type="text"/> When <input type="text"/> Today I solve this by <input type="text"/> I feel <input type="text"/> When <input type="text"/> Today I solve this by <input type="text"/>
Knowledge and Skills What do I know? What am I good or bad at? Good at the ability to do research. Bad at finding useful and helpful research.	
Attribute Scales Rate this persona on the attributes you selected in steps 2 and 3. Extravert <input type="text"/> 1 2 3 4 5 Sensing <input type="text"/> 1 2 3 4 5 Knowledge <input type="text"/> 1 2 3 4 5 Thinking <input type="text"/> 1 2 3 4 5 Network <input type="text"/> 1 2 3 4 5	

Persona Name	Current Employee
Reasons to use our product Focus on outcomes, not features Find a new job at a higher education opportunity	Biggest Frustrations I feel <input type="text"/> When <input type="text"/> Today I solve this by <input type="text"/> I feel <input type="text"/> When <input type="text"/> Today I solve this by <input type="text"/>
Knowledge and Skills What do I know? What am I good or bad at? pretty strong in current work area bad at learning new knowledge	
Attribute Scales Rate this persona on the attributes you selected in steps 2 and 3. Extravert <input type="text"/> 1 2 3 4 5 Sensing <input type="text"/> 1 2 3 4 5 Knowledge <input type="text"/> 1 2 3 4 5 Thinking <input type="text"/> 1 2 3 4 5 Network <input type="text"/> 1 2 3 4 5	



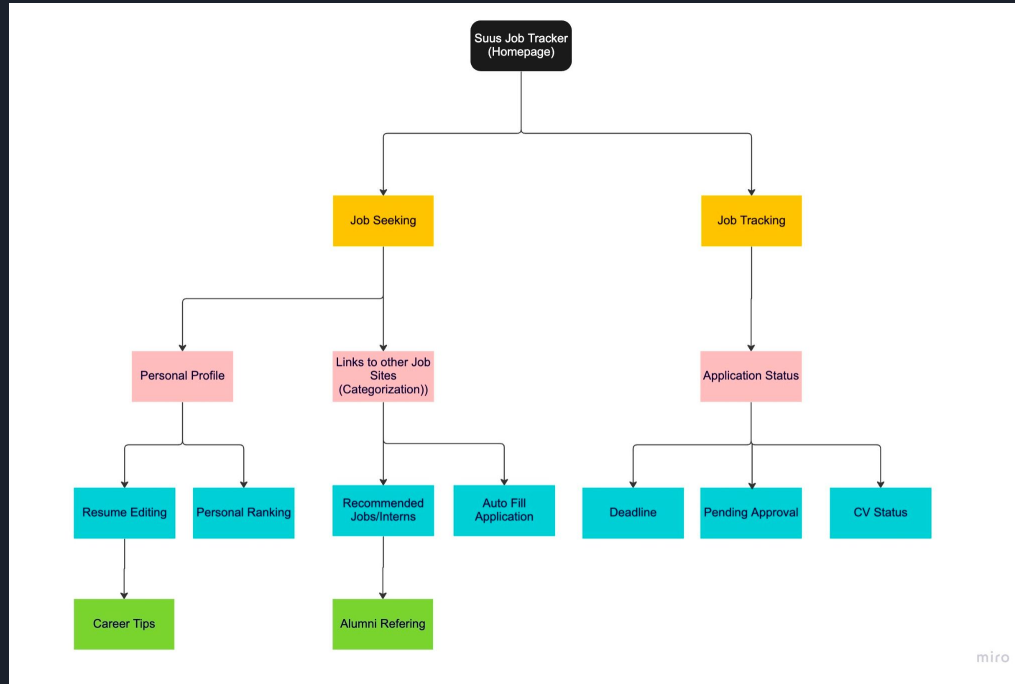
System Diagram for General Use Case

Placeholder Name

edit	company name	position	high priority, tech
edit	company name	position	finance
edit	company name	position	engineering
edit	company name	position	tech
edit	company name	position	low priority, finance
edit	company name	position	engineering
edit	company name	position	tech
edit	company name	position	finance
edit	company name	position	engineering

Placeholder Name

[illegible]



Architecture Diagram

High Fidelity Wireframe: Main Page











By default,
sorted
alphabetically
by company
name.

Company Name

Cell

CREATE ENTRY

Table

COMPANY NAME:	POSITION:	LOCATION:	INDUSTRY:	STATUS:	RANKING:	DEADLINE:
<input type="checkbox"/>  Amazon	Software Engineer Intern	CA	TECH	APPLIED	★★★★★	12/31/2022
<input type="checkbox"/>  Citadel	Quantitative Developer Intern	IL	FINANCE	IN PROGRESS	★★★★★	11/15/2022
<input type="checkbox"/>  Google	Software Engineer Intern	WA	TECH	APPLIED	★★★★★	04/11/2023
<input type="checkbox"/>  Instagram	Data Science Intern	CA	TECH	NOT YET STARTED	★★★★★	05/21/2023
<input type="checkbox"/>  Microsoft	Software Engineer Intern	TX	TECH	IN PROGRESS	★★★★★	06/04/2023
<input type="checkbox"/>  NASA	Software Engineer Intern	CA	AEROSPACE	APPLIED	★★★★★	02/14/2023
<input type="checkbox"/>  Netflix	Software Engineer Intern	NY	TECH	APPLIED	★★★★★	03/26/2023
<input type="checkbox"/>  SpaceX	Backend Engineer Intern	CA	AEROSPACE	APPLIED	★★★★★	04/27/2023
<input type="checkbox"/>  Quora	Data Science Intern	NY	TECH	APPLIED	★★★★★	12/27/2023
<input type="checkbox"/>  Two Sigma	Quantitative Researcher Intern	IL	FINANCE	NOT YET STARTED	★★★★★	6/14/2023

High Fidelity Wireframe: Sort By Column

Deadline:

Company Name						
Table						
COMPANY NAME:	POSITION:	LOCATION:	INDUSTRY:	STATUS:	RANKING:	DEADLINE:
<input type="checkbox"/> Citadel	Quantitative Developer Intern	IL	FINANCE	IN PROGRESS	★★★★★	11/15/2022
<input type="checkbox"/> Quora	Data Science Intern	NY	TECH	APPLIED	★★★★★	12/27/2023
<input type="checkbox"/> Amazon	Software Engineer Intern	CA	TECH	APPLIED	★★★★★	12/31/2022
<input type="checkbox"/> NASA	Software Engineer Intern	CA	AEROSPACE	APPLIED	★★★★★	02/14/2023
<input type="checkbox"/> Netflix	Software Engineer Intern	NY	TECH	APPLIED	★★★★★	03/26/2023
<input type="checkbox"/> Google	Software Engineer Intern	WA	TECH	APPLIED	★★★★★	04/11/2023
<input type="checkbox"/> SpaceX	Backend Engineer Intern	CA	AEROSPACE	APPLIED	★★★★★	04/27/2023
<input type="checkbox"/> Instagram	Data Science Intern	CA	TECH	NOT YET STARTED	★★★★★	05/21/2023
<input type="checkbox"/> Microsoft	Software Engineer Intern	TX	TECH	IN PROGRESS	★★★★★	06/04/2023
<input type="checkbox"/> Two Sigma	Quantitative Researcher Intern	IL	FINANCE	NOT YET STARTED	★★★★★	6/14/2023

Ranking:

Company Name						
Table						
COMPANY NAME:	POSITION:	LOCATION:	INDUSTRY:	STATUS:	RANKING:	DEADLINE:
<input type="checkbox"/> Microsoft	Software Engineer Intern	TX	TECH	IN PROGRESS	★★★★★	06/04/2023
<input type="checkbox"/> Two Sigma	Quantitative Researcher Intern	IL	FINANCE	NOT YET STARTED	★★★★★	6/14/2023
<input type="checkbox"/> Citadel	Quantitative Developer Intern	IL	FINANCE	IN PROGRESS	★★★★★	11/15/2022
<input type="checkbox"/> Instagram	Data Science Intern	CA	TECH	NOT YET STARTED	★★★★★	05/21/2023
<input type="checkbox"/> Netflix	Software Engineer Intern	NY	TECH	APPLIED	★★★★★	03/26/2023
<input type="checkbox"/> SpaceX	Backend Engineer Intern	CA	AEROSPACE	APPLIED	★★★★★	04/27/2023
<input type="checkbox"/> Amazon	Software Engineer Intern	CA	TECH	APPLIED	★★★★★	12/31/2022
<input type="checkbox"/> Google	Software Engineer Intern	WA	TECH	APPLIED	★★★★★	04/11/2023
<input type="checkbox"/> Quora	Data Science Intern	NY	TECH	APPLIED	★★★★★	12/27/2023
<input type="checkbox"/> NASA	Software Engineer Intern	CA	AEROSPACE	APPLIED	★★★★★	02/14/2023

Industry:

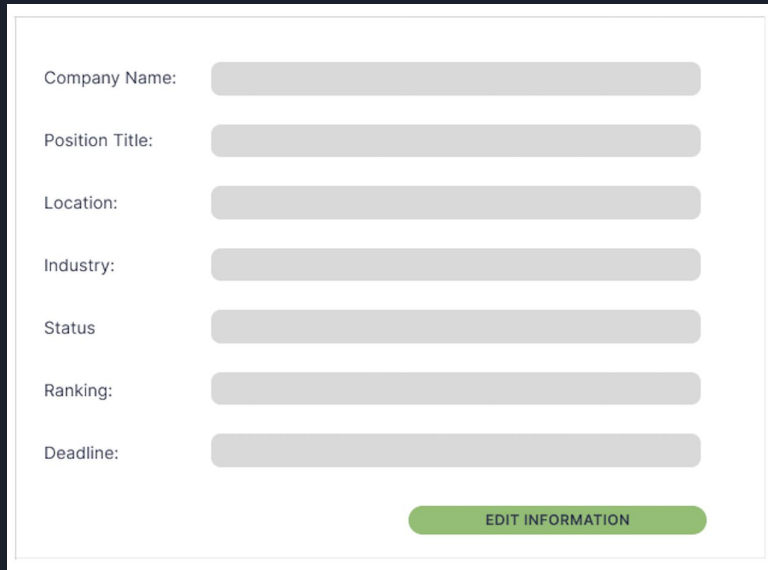
Company Name						
Table						
COMPANY NAME:	POSITION:	LOCATION:	INDUSTRY:	STATUS:	RANKING:	DEADLINE:
<input type="checkbox"/> NASA	Software Engineer Intern	CA	AEROSPACE	APPLIED	★★★★★	02/14/2023
<input type="checkbox"/> SpaceX	Backend Engineer Intern	CA	AEROSPACE	APPLIED	★★★★★	04/27/2023
<input type="checkbox"/> Citadel	Quantitative Developer Intern	IL	FINANCE	IN PROGRESS	★★★★★	11/15/2022
<input type="checkbox"/> Two Sigma	Quantitative Researcher Intern	IL	FINANCE	NOT YET STARTED	★★★★★	6/14/2023
<input type="checkbox"/> Amazon	Software Engineer Intern	CA	TECH	APPLIED	★★★★★	12/31/2022
<input type="checkbox"/> Google	Software Engineer Intern	WA	TECH	APPLIED	★★★★★	04/11/2023
<input type="checkbox"/> Instagram	Data Science Intern	CA	TECH	NOT YET STARTED	★★★★★	05/21/2023
<input type="checkbox"/> Microsoft	Software Engineer Intern	TX	TECH	IN PROGRESS	★★★★★	06/04/2023
<input type="checkbox"/> Netflix	Software Engineer Intern	NY	TECH	APPLIED	★★★★★	03/26/2023
<input type="checkbox"/> Quora	Data Science Intern	NY	TECH	APPLIED	★★★★★	12/27/2023

Status:

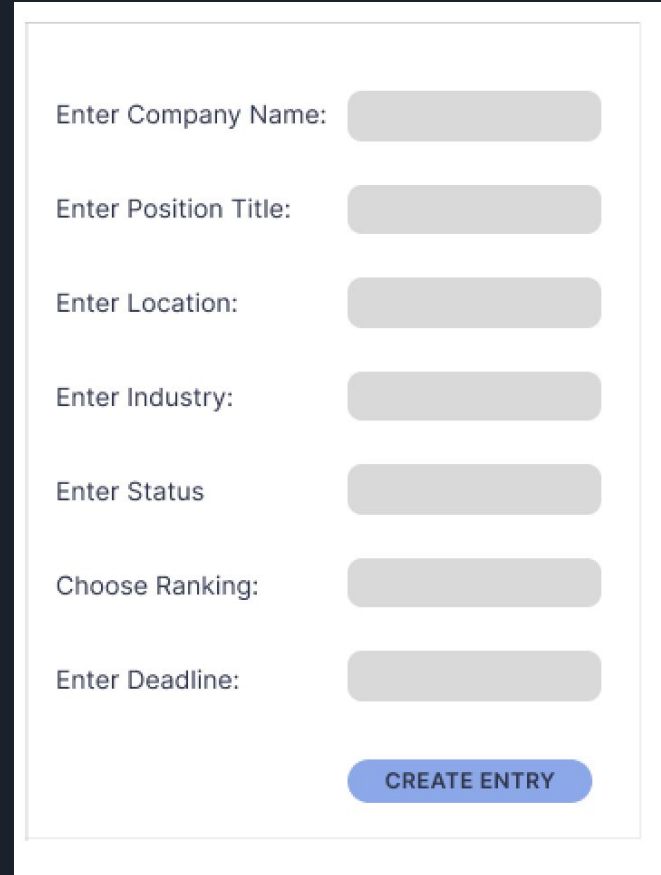
Company Name						
Table						
COMPANY NAME:	POSITION:	LOCATION:	INDUSTRY:	STATUS:	RANKING:	DEADLINE:
<input type="checkbox"/> Two Sigma	Quantitative Researcher Intern	IL	FINANCE	NOT YET STARTED	★★★★★	6/14/2023
<input type="checkbox"/> Instagram	Data Science Intern	CA	TECH	NOT YET STARTED	★★★★★	05/21/2023
<input type="checkbox"/> Citadel	Quantitative Developer Intern	IL	FINANCE	IN PROGRESS	★★★★★	11/15/2022
<input type="checkbox"/> Microsoft	Software Engineer Intern	TX	TECH	IN PROGRESS	★★★★★	06/04/2023
<input type="checkbox"/> NASA	Software Engineer Intern	CA	AEROSPACE	APPLIED	★★★★★	02/14/2023
<input type="checkbox"/> SpaceX	Backend Engineer Intern	CA	AEROSPACE	APPLIED	★★★★★	04/27/2023
<input type="checkbox"/> Amazon	Software Engineer Intern	CA	TECH	APPLIED	★★★★★	12/31/2022
<input type="checkbox"/> Google	Software Engineer Intern	WA	TECH	APPLIED	★★★★★	04/11/2023
<input type="checkbox"/> Netflix	Software Engineer Intern	NY	TECH	APPLIED	★★★★★	03/26/2023
<input type="checkbox"/> Quora	Data Science Intern	NY	TECH	APPLIED	★★★★★	12/27/2023

High Fidelity Wireframe: Add/Edit Entry Pages

- A box is present for each column within our table.



This wireframe represents the 'Edit Information' page. It features a vertical list of seven input fields, each preceded by a label: 'Company Name:', 'Position Title:', 'Location:', 'Industry:', 'Status', 'Ranking:', and 'Deadline:'. The input fields are light gray rectangles. At the bottom right of the form, there is a green rounded rectangular button with the text 'EDIT INFORMATION' in white capital letters.



This wireframe represents the 'Create Entry' page. It features a vertical list of seven input fields, each preceded by a label: 'Enter Company Name:', 'Enter Position Title:', 'Enter Location:', 'Enter Industry:', 'Enter Status', 'Choose Ranking:', and 'Enter Deadline:'. The input fields are light gray rectangles. At the bottom right of the form, there is a blue rounded rectangular button with the text 'CREATE ENTRY' in white capital letters.



Project Roadmap

Project Brainstorm, Initial/rough design, feature specifications (**roughly end of week 5**)

Design refinement; Excel Style Spreadsheet; Pitch proposal (**week 5 to end of week 6**);

User entries, user input modal; Setup testing pipeline; Main Features (Internship Types Presets, User Priority, Application Status, "Create Entry Button") (Unit/E2E, CI/CD (**week 7-8**))


Implement extended features and stretch goals; Autofill, web scraping, sort by tag, deadline notification, sharing, authentication, backend DB (**week 8-9**)

 (**week 9**)

Prepare project demos and presentation; finalize MVP; project reflection (**week 9-10**)



Technologies

- Primary technology stack
 - HTML5, CSS 3, Vanilla JS
- Pipeline & Testing
 - Github - Version Control
 - Github Issues and Pull Requests
 - Github Actions (CI/CD)
 - Linting (Markdown, HTML, CSS, JS)
 - Jest* 
 - Branch protection
 - Doc generation*

*tentative



Risks

Having 10 people may cause a lot of development miscommunication

We could have a lot of regressions with continuous integration

No product market fit

Developing extra features may cause us to not finish or hurt base project



Rabbit Holes

What will we use for our local storage of spreadsheets?

What will we use for our spreadsheet?

(feature) How will we implement the web scraping?

(feature) If we do web scraping how will we display all the internships fetched, or else what will we use the web scraping for?

(feature) Do we know how the autofill aspect on applications will work (how easy is it to do this?)?

Questions?

