Capstone
projectLab
Project Demo

Yvette de Sereville · github.com/yvetteds

projectLab

projectLab is a web-based project management application that anyone can use for personal project portfolio management & to make interview preparation easier!
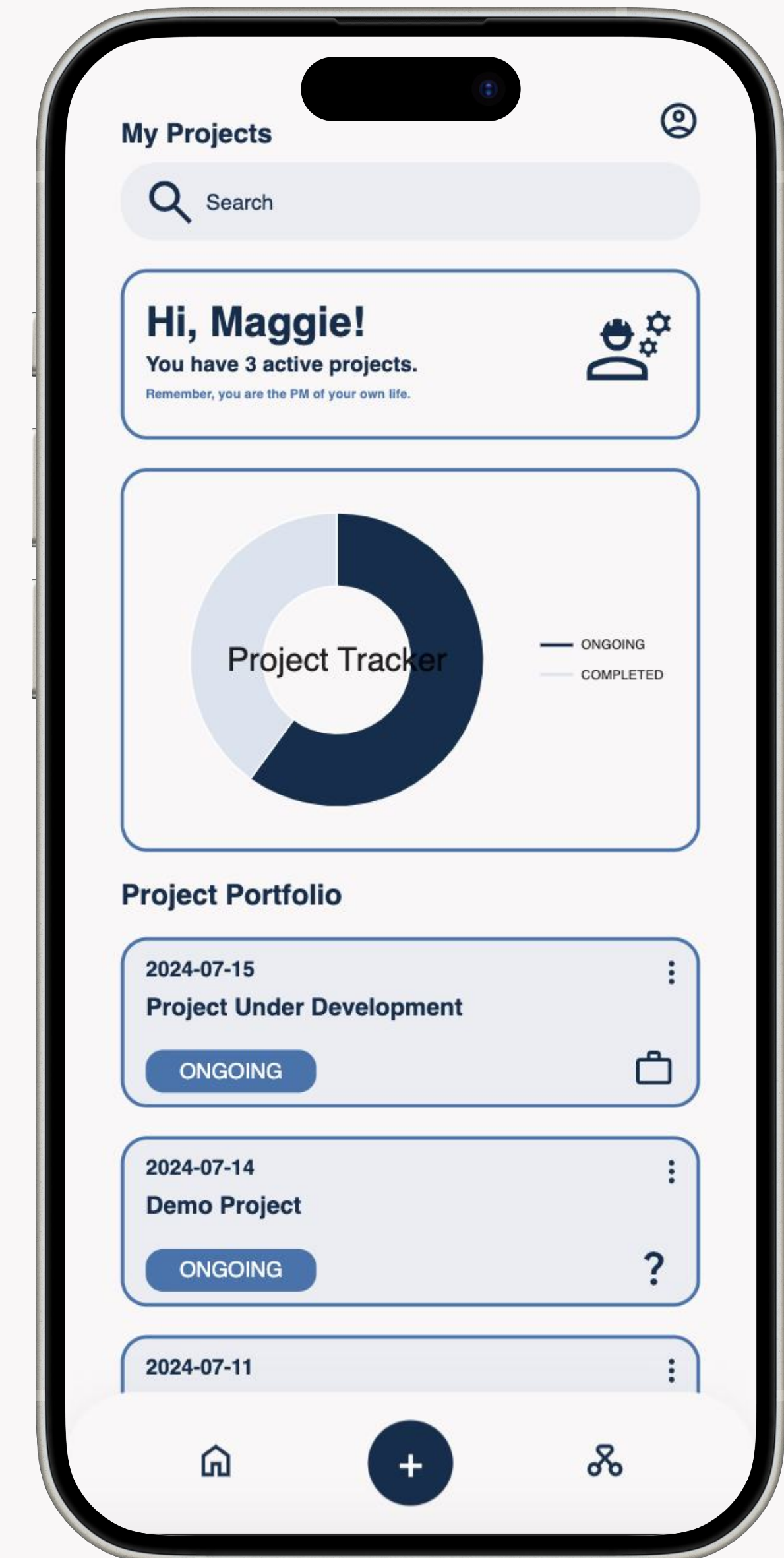
Company	BrainStation
Role	Software Engineer
Length	Sprint 1
Team	Independent
Year	2024

My Projects

Search

Hi, Maggie!
You have 3 active projects.
Remember, you are the PM of your own life.

Project Tracker
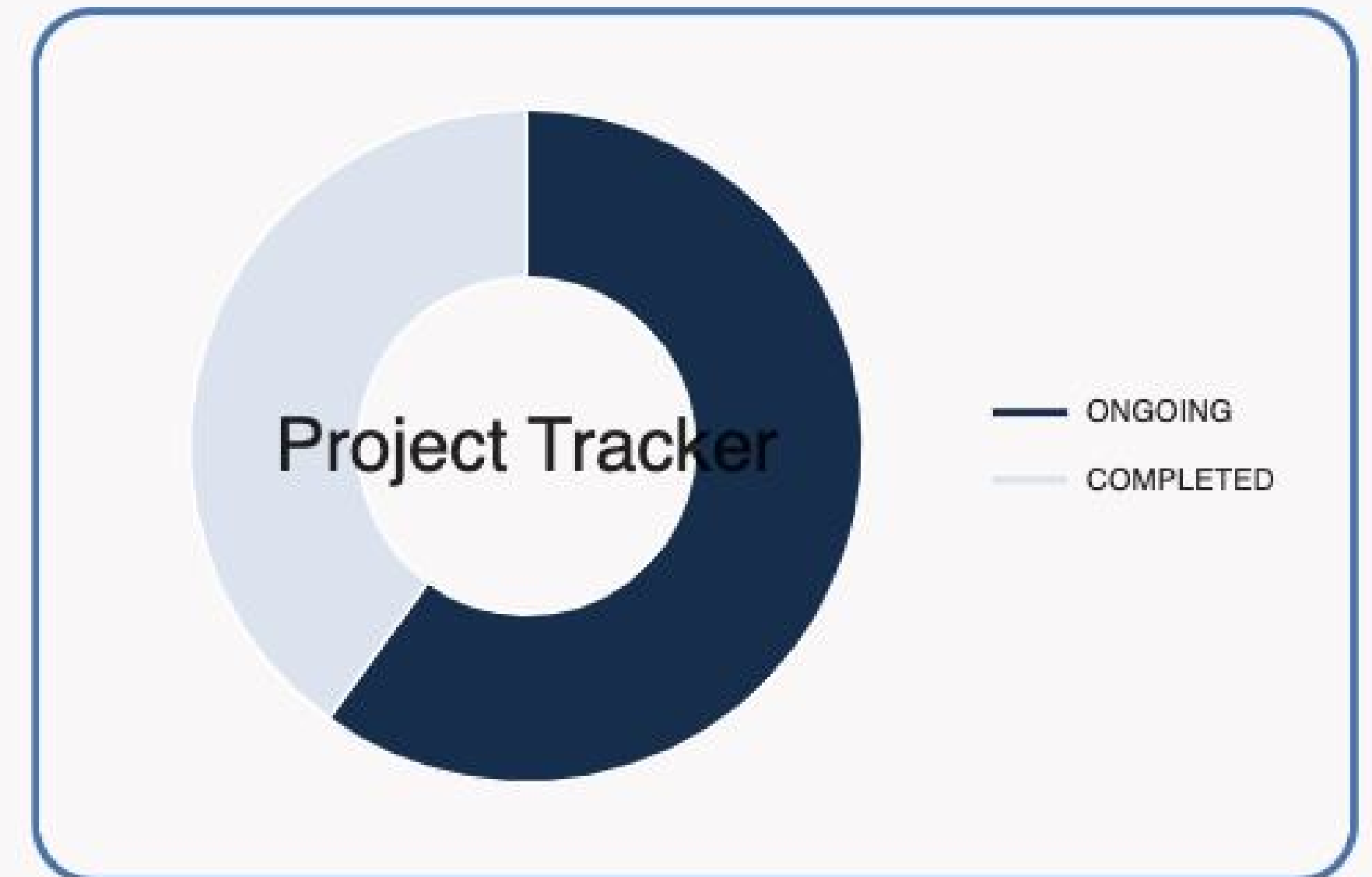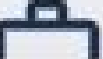
— ONGOING
— COMPLETED

Project Portfolio

2024-07-15
Project Under Development
ONGOING

2024-07-14
Demo Project
ONGOING
?

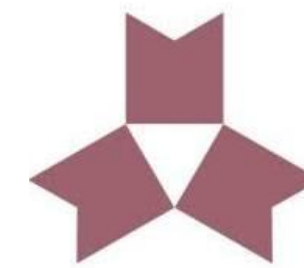2024-07-11

Recent experience and education

Software Engineering Student at BrainStation
Diploma Candidate · 2024

MSc. in Physics (Quantum Information) at University of Waterloo
Master's · 2022

BASc. in Engineering Physics at University of Toronto
Bachelor's of Applied Science in Engineering · 2019

Lead Quantum Characterization Engineer at Nord Quantique
2023–2024

**Quantum Computing Research Scientist at University of Toronto**
2019–2020

The challenge

How we might help users prepare for interviews and effectively communicate their projects
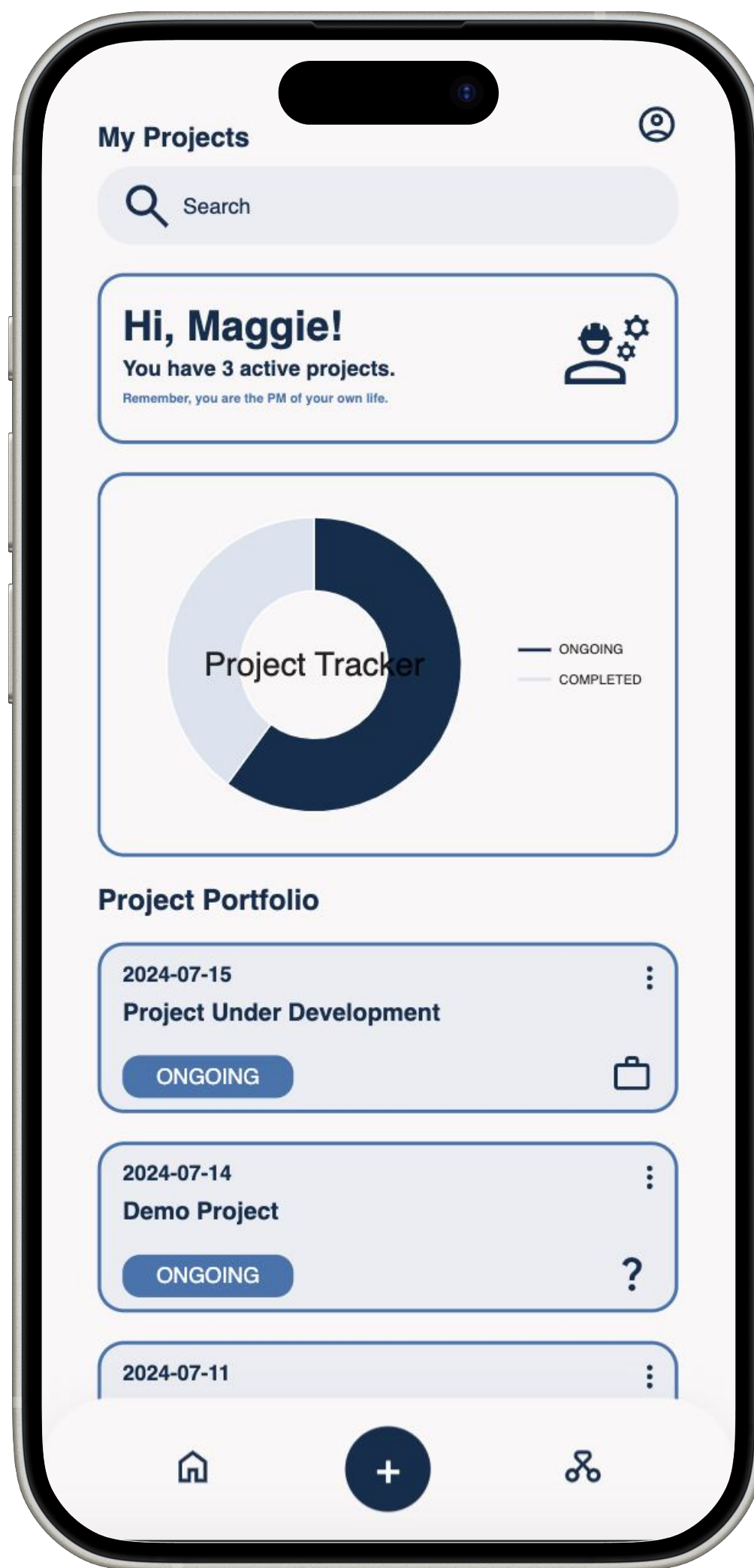
Specific goals

- Improve user's ability to break down projects into their key components
- Allow a user to track their progress
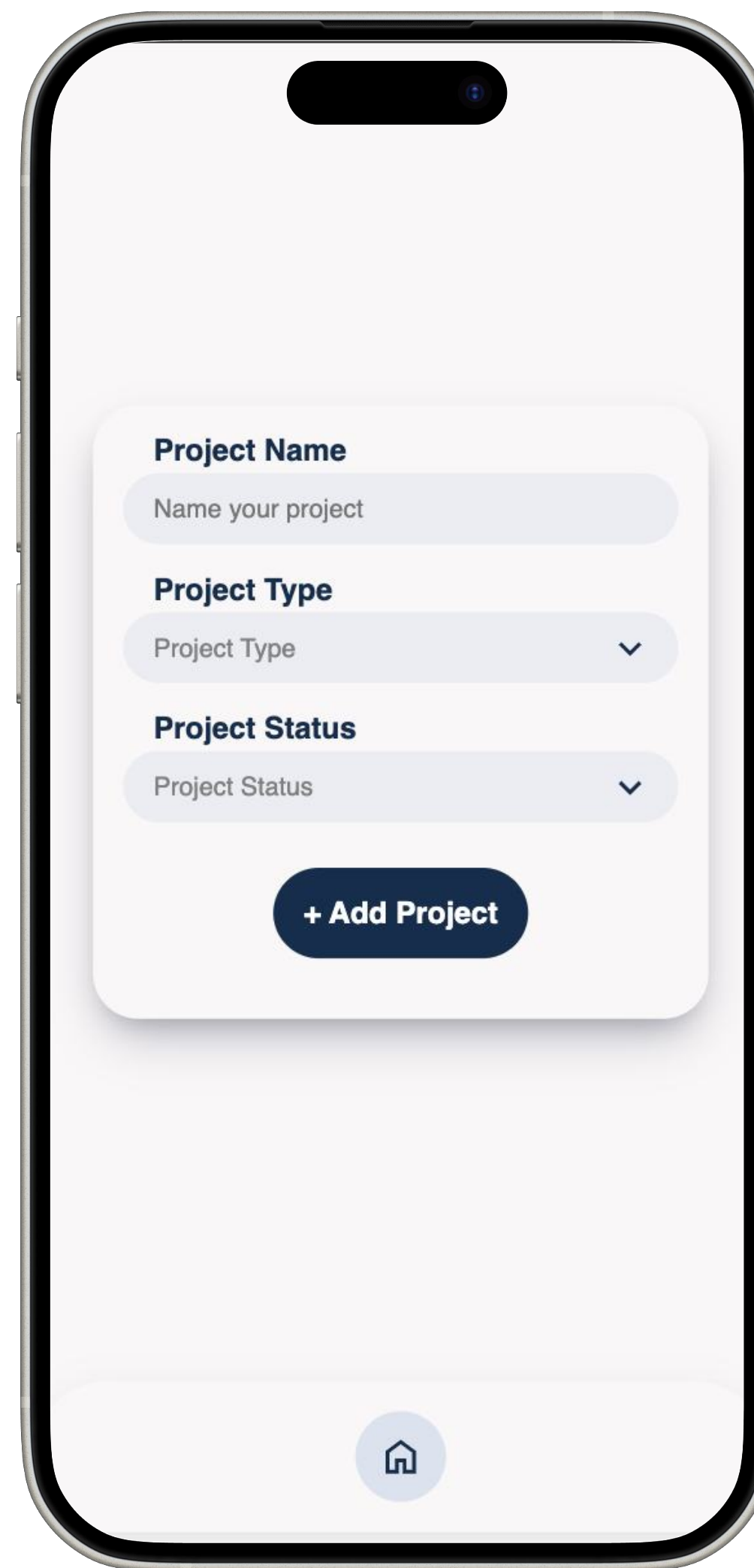- Improve structure around project management applications

Key metrics

- No. of users (**traffic**)
- No. of users adding/editing projects per site visit (**task success rate %**)
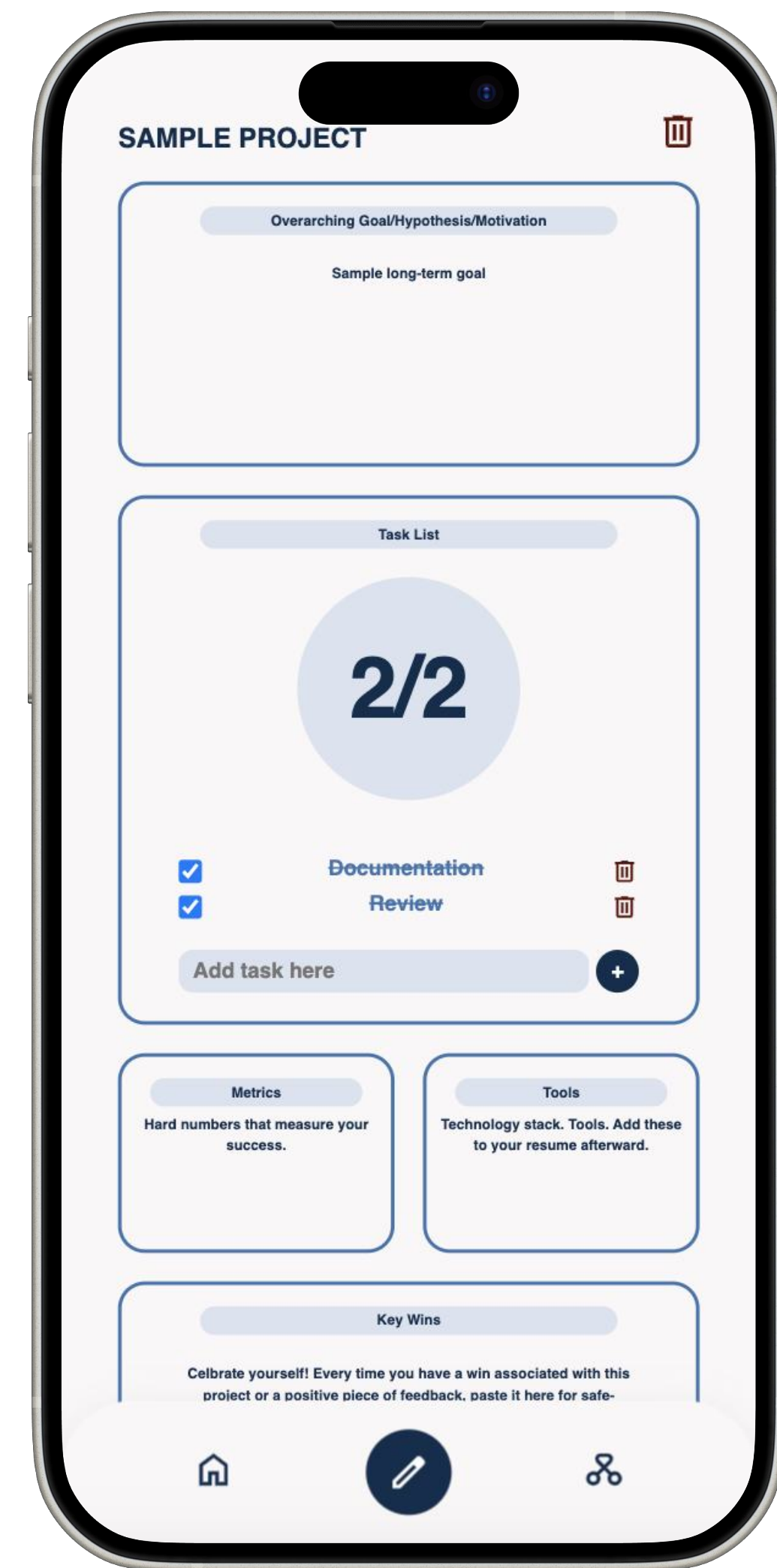- No of users discontinuing their subscription (**churn rate %**)
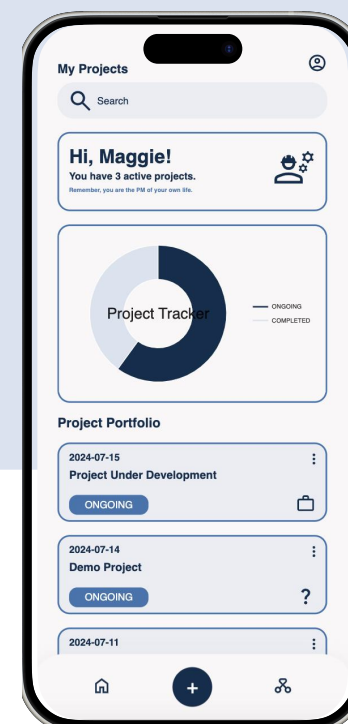
Before

After
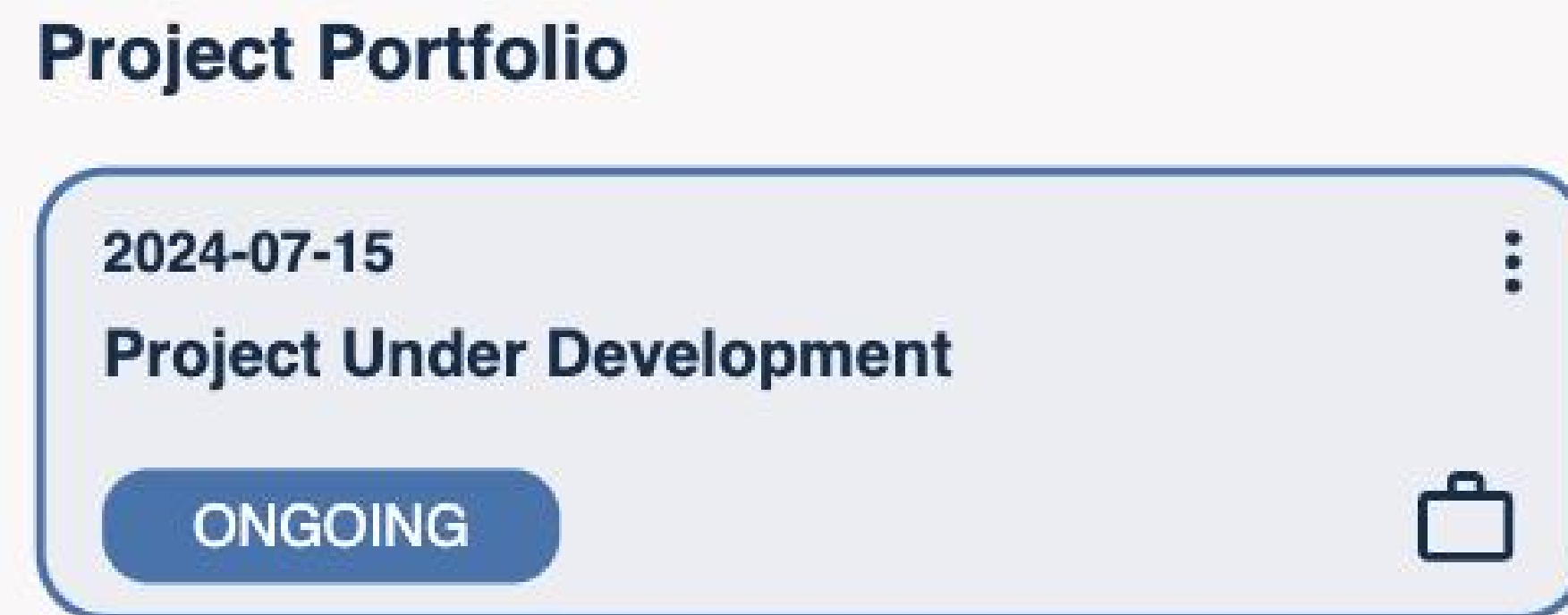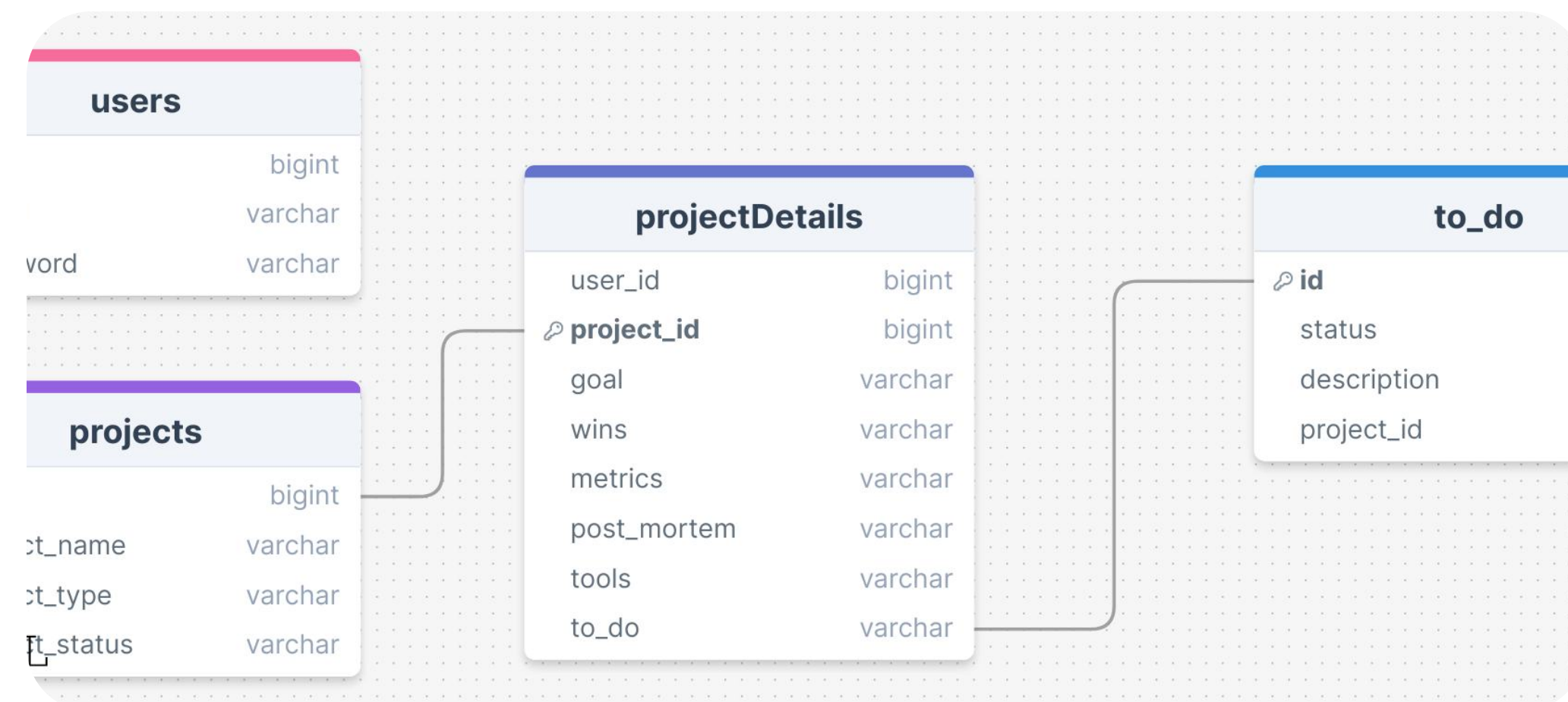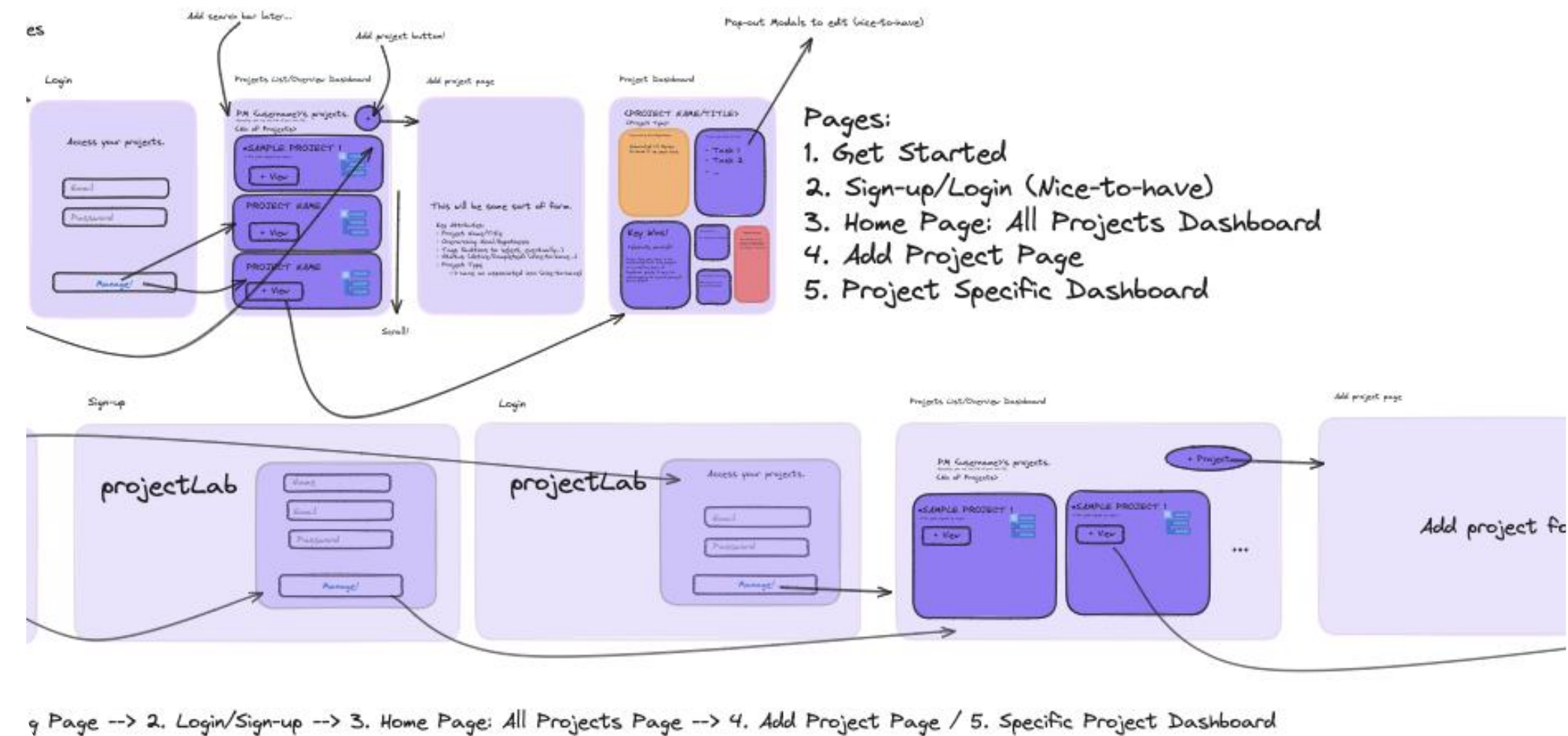
Project Dashboard

+ Add Project

Project Details

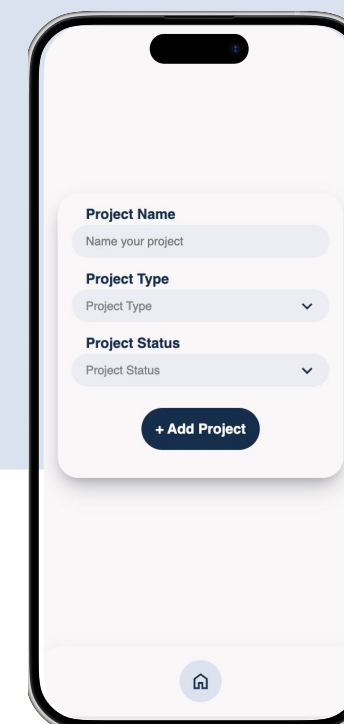# Addressing the challenge

Project Dashboard

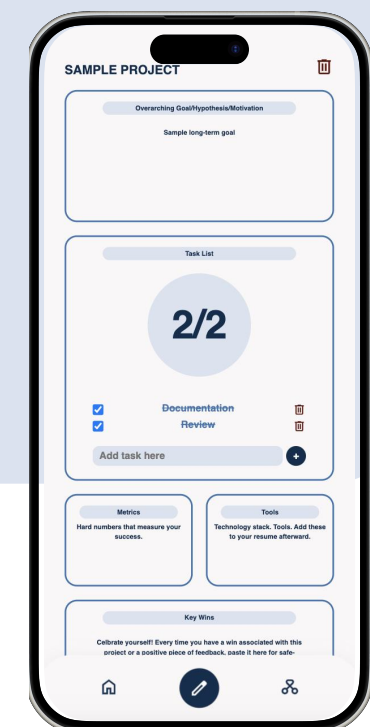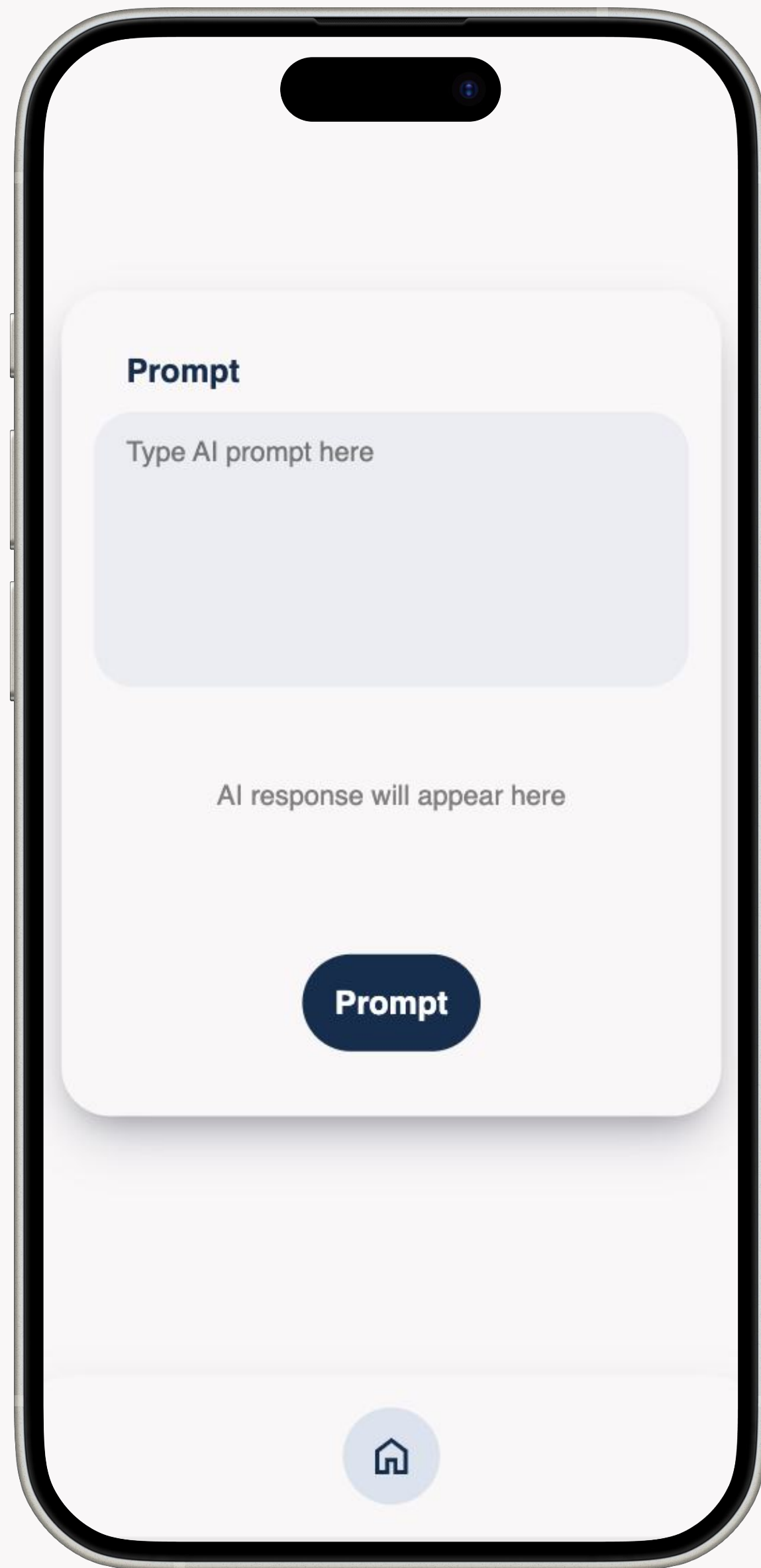Track project status

Live Updates

Add/Edit projects on the go

Project Details

View key project components

Feature

AI Helper Tool

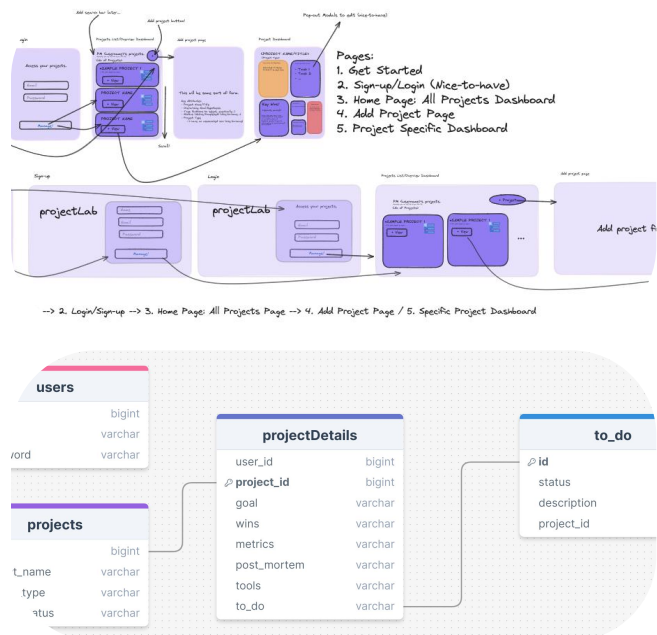Built-in AI helper tool powered by Google's Gemini AI.
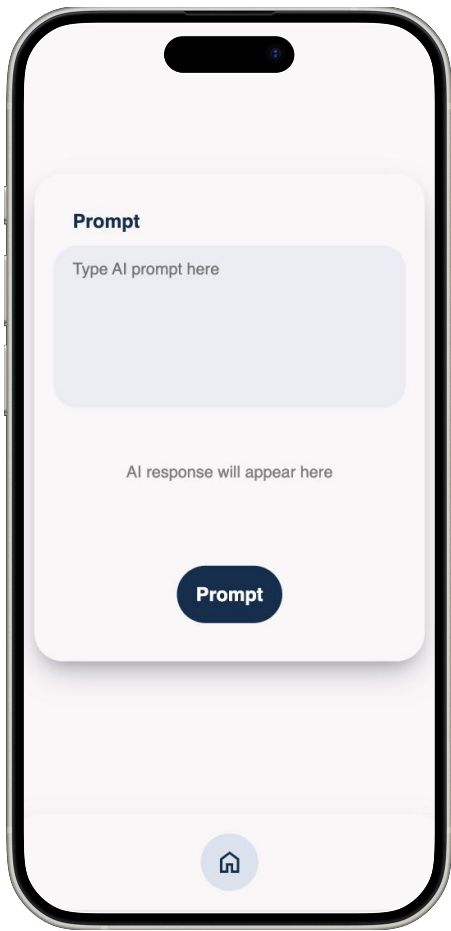
Gemini

Powered by

Google

Project timeline

Ideation & Research
2+ weeks

Mockups & Proposal
1+ weeks

CSS / HTML

express

node JS

React

Full-Stack Web Application MVP
1+ weeks

JS

MySQL

Prompt

Type AI prompt here

AI response will appear here

Prompt

Subscription-based feature whereby a user would be able to leverage the built-in AI helper tool with project-specific prompts

Gemini

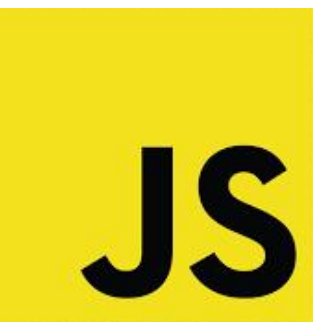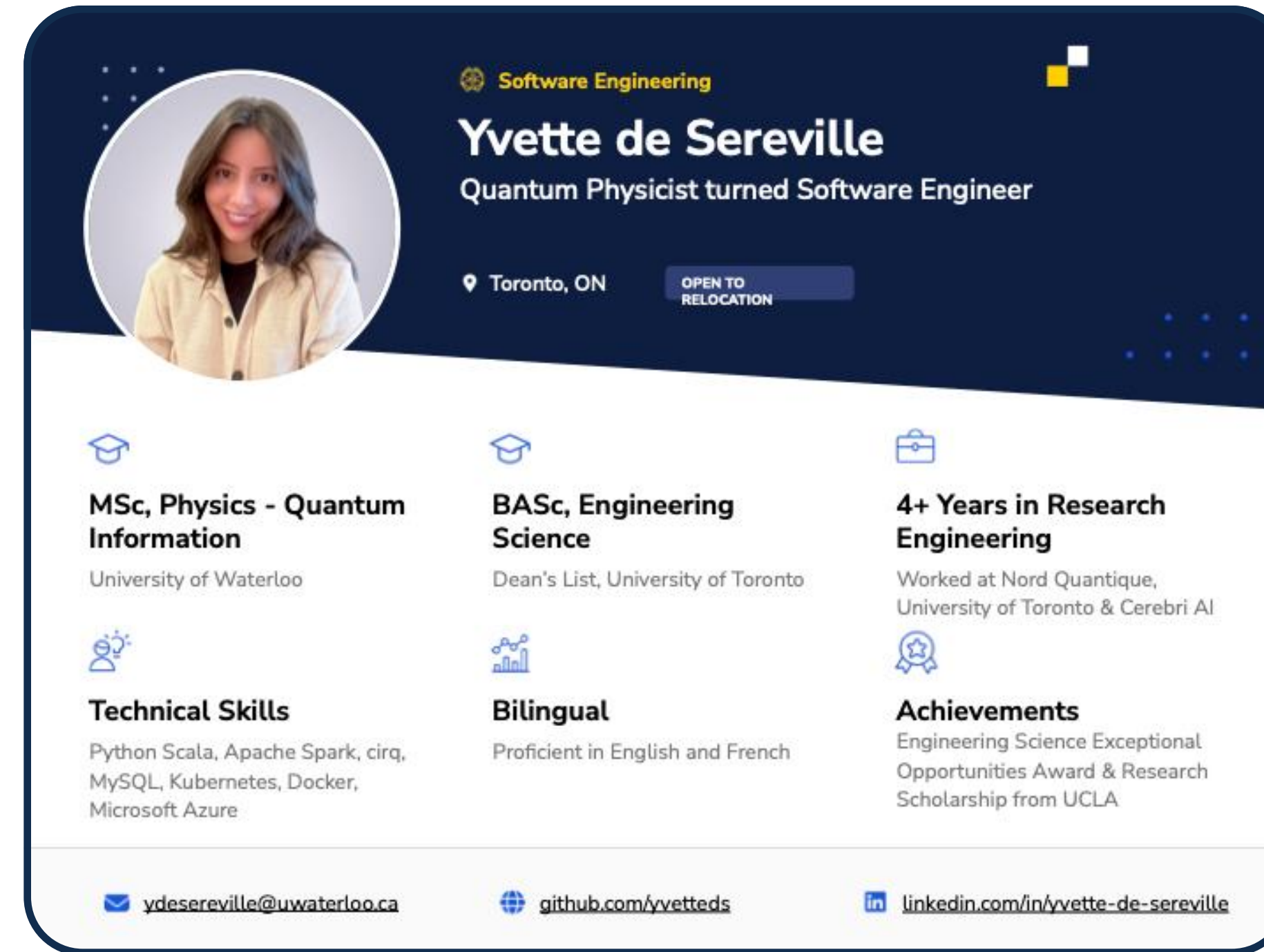**Proposed Additional Features**
Coming weeks

Sprint 1

Future Sprints

Thank you!

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BrainStation®