Recharge

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Outline

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Overview/Motivation

Problem

The average person's mental and physical well-being has been on the decline in recent years.
- There is a lack of resources in place to support people
- Over a third of adults said they lacked motivation to improve

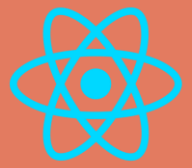
Solution

How Does Recharge Solve this?
- Encourages building healthy habits through various trackers
- Provides users with easy access to mentor who can help with their struggles

Tool Introduction

Platforms

Android
IOS



Frontend

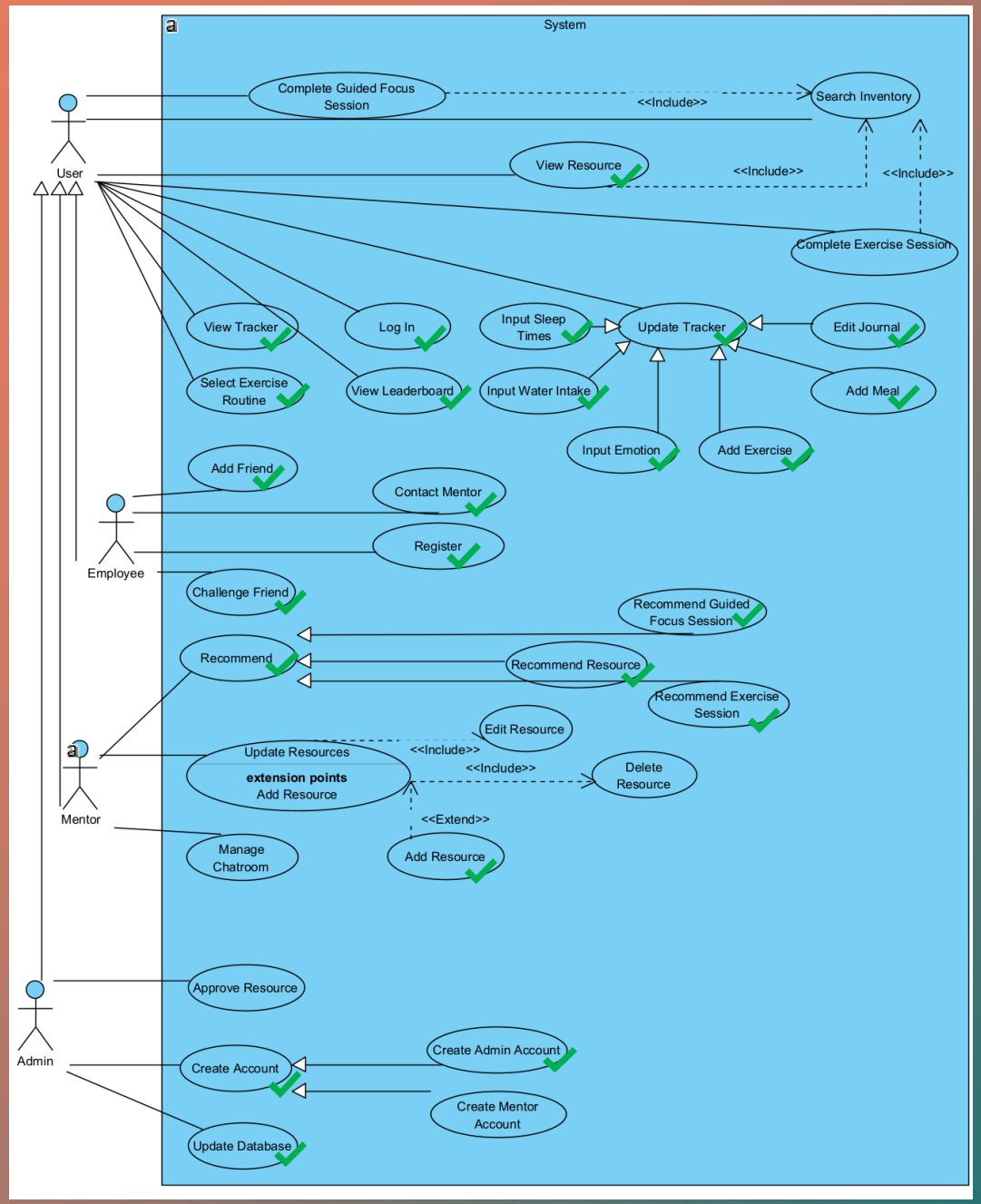
React Native with Expo CLI

Typescript

Component Library – React Native Elements

Backend

Supabase (PostgreSQL)



Use case diagram

- Met almost all use cases like updating trackers, login, sign up chatrooms
- Some non-essential features not implemented due to time constraints
- Added extra functionality such as graphical representation of trackers like exercises, feedback and bug report system

Acceptance testing

- Register
- Exercise (Tracker)
- Contact Mentor
- Create Mentor Account
- Recommend Resource
- Add Friend

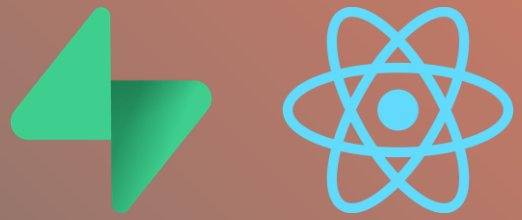
Acceptance testing will confirm that the prototype meets all performance and usability needs by running the app and taking it through real-world simulated situations.

Summary

Prototype

Problem & Solution

Technologies Used



Use Case Diagram

Acceptance Testing

FDM

Time for Demonstration