



Sapling

Cross Platforms Final Project

Design Document

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PREPARED FOR

AIT

PREPARED BY

Nick Hulley, 7077

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Introduction

Sapling is a daily goal management application which allows its users to set a personalised goal which they can accomplish every day. This goal can be something like “Wake up before 7am” or “do five pushups”, ideally, it is something simple and concise so users can easily tick it off.

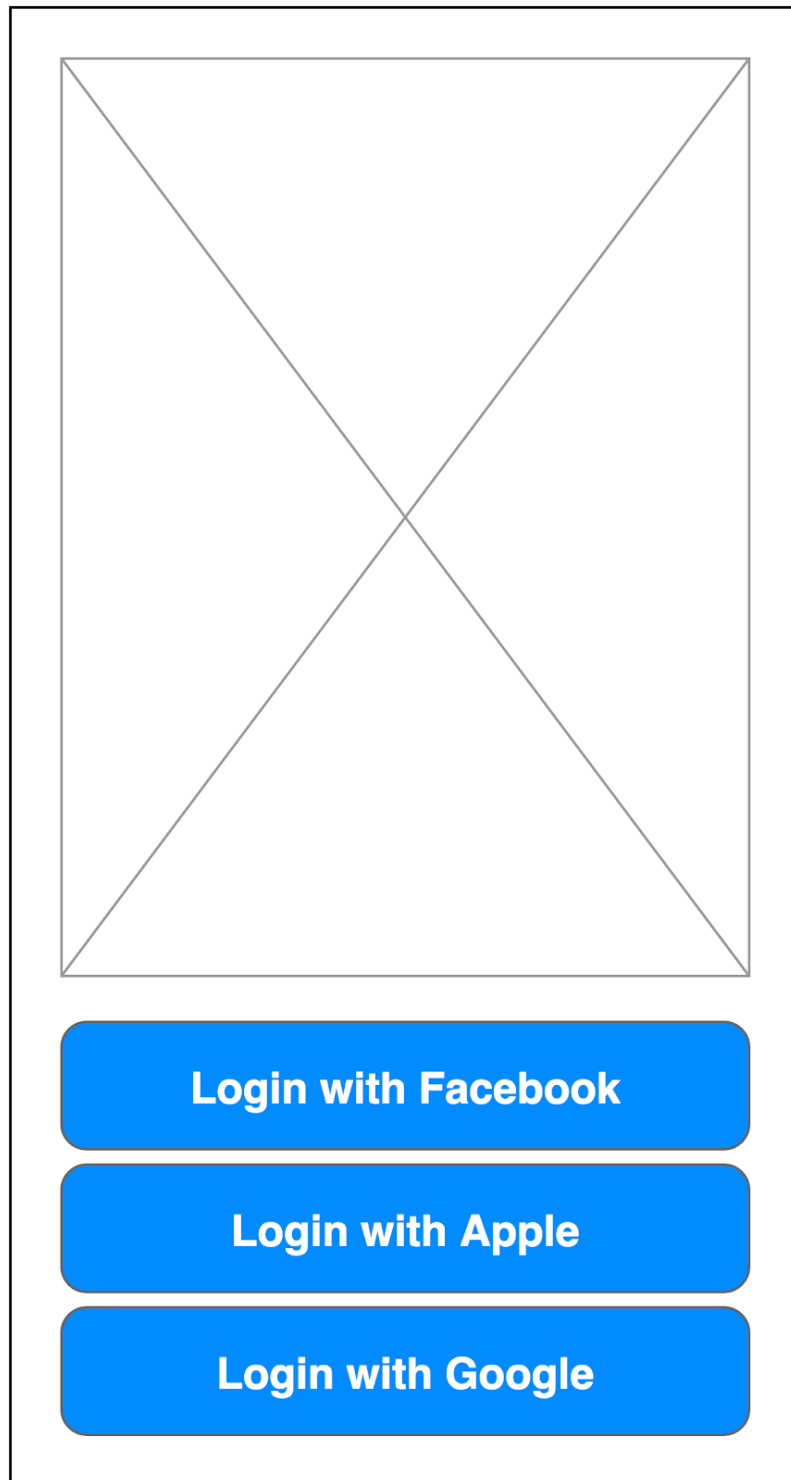
Sapling will also have a feature where you can share your goal with other people. Similar to a social media website, you are able to follow other people's goals and see how they have progressed.

The main feature of the application will be streaks. When the user starts the app, they are presented with a small seed, and when they complete their goal several days in a row, the seeds will grow into a seedling, then a sapling, and eventually a tree. The longer the streak, then the larger your tree will grow.

Design


Wireframes

Login Screen



Homescreen

Welcome back,
John Doe



GOAL

Do five pushups

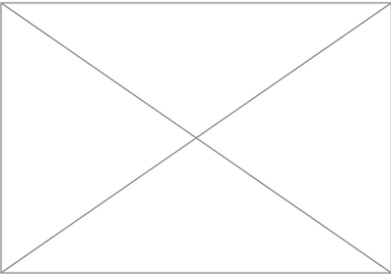
Have you finished your goal for today?

YES

NOT YET

STREAK (3 hours left)


5 days




SOCIAL

5 followers,
10 likes,
3 shares

OTHER TREES

 Person 2





STREAK: 5

SHARE

FOLLOW

BLOCK

 Person 2



STREAK: 5

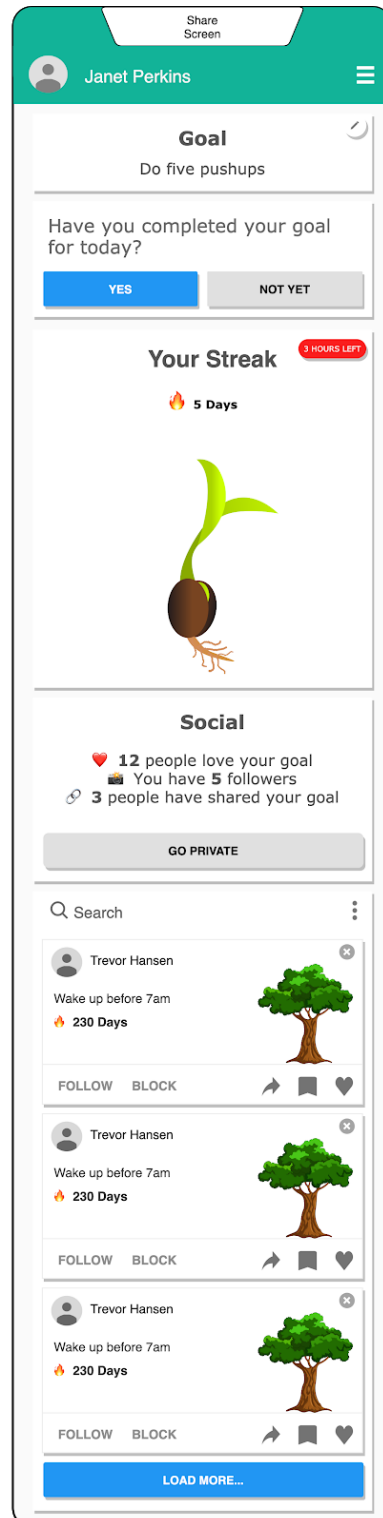
SHARE

FOLLOW

BLOCK

Mockups

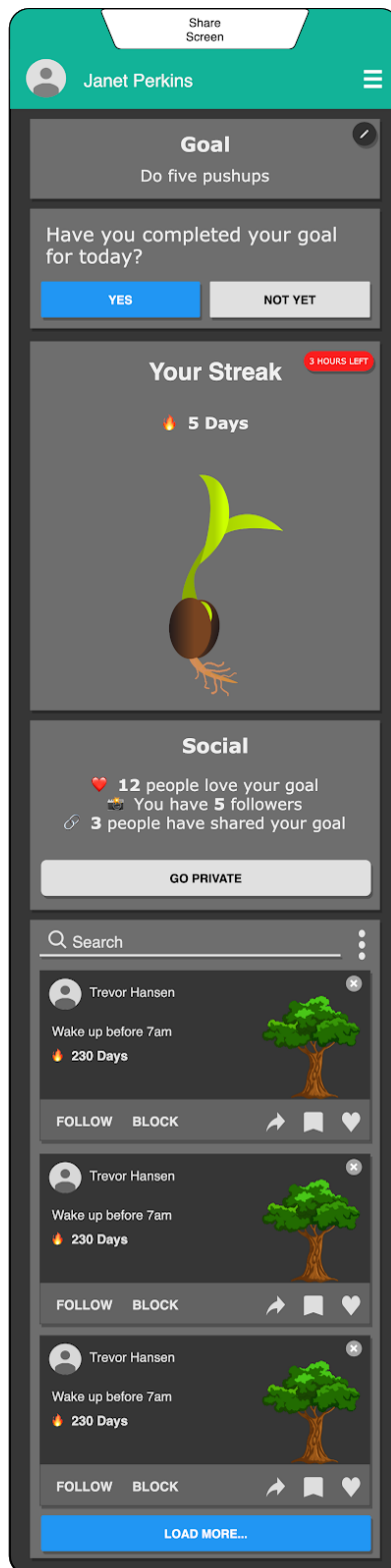
Light Theme



Design Document

Sapling

Dark Theme (Future feature)



Features

- Facebook, Google and Apple login with firebase
- Goal setting
- See other people's goals
- Storing and increasing streaks
- Custom tree based on streak
- Share goal
- Complete goal each day and have a timer
- Storage with a mongodb server
- Generic molecular web service for android and ios
- React native with several design libraries