

Release Plan - CSE 115A

Team: SafeHouse Keepers

Product Name: SafeHouse

Release Name: Build 1

Release Date: End of Fall Quarter

Revision Number: 3

Revision Date: November 3, 2021

Team members:

- Product Owner: Nathaniel Lee
- Scrum Master: Luc Milburn
- Developer: Josue Zamudio
- Developer: Joeny Vo
- Developer: Clyde Li

High-level goals:

- Allow for a unique and customizable experience for each user with regards to the checklist functionality
- Automate the process of arriving to/departing a home location through location tracking using Google Maps API
- Create a lock/unlocking feature of the checklist which activates upon leaving/arriving home to prevent second-guessing

Story point standard:

- ? : to be decided / (TBD)
- 1 : easy / (half a day)
- 3 : average / (a day or two)
- 5 : bit more challenging / (three to five)
- 8 : challenging / (a week)
- 13 : very difficult / (1.5 to 2 weeks)

User stories for release:

Sprint 1:

Infrastructure: create a GitHub repository and have everyone on the team clone it on their unique devices and create their own branch, this repo needs react library installed

Spike: youtube: React Native, Expo, JavaScript, cache system with mobile apps? To cache RNG ID

(3) User story 1: As someone who gets confused easily, I want a basic UI that is able to display my tasks so that I can examine everything I've entered into my checklist.

(3) User story 2: As someone who has a lot of tasks to remember before leaving the house, I would like a way to add or remove tasks to my checklist so that I can keep track of the things I need to remember before leaving the house.

Sprint 2:

Spike: google map API

(3) User story 1: As a person who leaves the house often, I want a way to log my home location so that my checklist resets whenever I arrive home.

(5) User story 2: As someone who leaves the house often, I want the app to automatically detect when I'm close to my house so that I don't have to manually inform the app that I'm home.

(3) User story 3: As a forgetful person, I want my checklist to be locked when I'm out of the house and unlocked when I arrive home so that I don't second guess myself on the tasks I have listed.

Sprint 3:

Spike: databases, google authentication

(3) User story 1: As an individual who cares about visuals, I want the app to be more user-friendly and look more appealing so that it's easier to look at and navigate around.

(8) User story 2: As someone with a family, I want the app to have an option where I can add family members to the same task list and have our tasks sync properly so that I can see if anyone in the family is forgetting to do something before they leave the house.

(3) User story 3: As a forgetful person, I want my checklist to be locked when I'm out of the house and unlocked when I arrive home so that I don't second guess myself on the tasks I have listed.

Sprint 4:

Spike: more database?

(?) User story 1: As someone with multiple homes, I want the option to log multiple homes so that I can keep track of the tasks I need to complete before leaving each home.

(?) User story 2: As someone with multiple homes, I want access to multiple checklists so that my tasks don't get mixed up between each house.

Backlog:

- Add ability to input address manually
- Find way to store user address unique to a single phone
- Scale app to handle multiple houses/locations