

Release Plan

Product Name: Social Habit Tracker

Team Name: Sean, Katrin, Connor, Sidhant, Hai, Richer

Release Name: Initial Release

Release Date: 10/10/21

Revision 1

High level goals:

- Be able to use a social media aspect to motivate habit building
- Be able to have multiple interact about each others habits
- Be able to create new habits
- Be able to upload and store videos/pictures of completing daily habits
- Implement a simple and effective UI
- Have a working login page with a database to store user data
- Have the app be compatible with iOS and Android
- Be able to have the app send you notifications about completing habits

Product Backlog:

- Styling for different devices and views
- Suggested habits
- Direct messaging system with friends
- Rewards for completing your goals (i.e, doing a habit for a whole month)
 - Compilation for progress of completing a habit
- Ads to make \$\$\$

Features:

- social page
- Messaging window
- form to create habits (custom or suggested / prefilled form)
- Login window
- tutorial of the app
- Video recap
- habit streak / data representation
- camera / video
- categories for habits

Sprint 1:

- Story 1: As a first time user of the app, I would like a simple and effective user interface so that I can easily track my habits and progress.
 - Task 1: Drawing out the UI
 - Task 2: Planning the app flow, pages needed
- Story 2: As a developer, I would like to study and get some experience with the software I will be using so that implementing the project will be efficient and straightforward.

- Task 1: Meeting to discuss what software/technologies we will use on the frontend and backend
- Task 2: Study/practice with the chosen software
- Story 3: As a developer, I would like access to an organized project setup, so that I can clearly track my progress and know what to work on next.
 - Task 1: Set up the git repository
 - Task 2: Set up scrum board and discord
 - Task 3: Set up scheduled meeting times throughout the quarter
- Story 4: As a user, I would like to be able to create and customize habits, so that I can start to build them.
 - Task 1: Design UI for "Create New Habit" page
 - Task 2: Implement UI for "Create New Habit" page
 - Task 3: Implement options for habit customization (type of habit, times a week, times a day)
 - Task 4: Store current habit and give user easy access
 - Task 5: Ability to remove/edit current habits
- Story 5: As a user, I would like to feel welcome when I open the app for the first time, so that I have a pleasant experience.
 - Task 1: Design a home page
 - Task 2: Implement the home page and push to repo

Sprint 2:

- Story 1: As a developer, I would like an implemented database, so that data from multiple users can be easily stored and accessed.
 - Task 1: Research/practice firebase
 - Task 2: Determine what information needs to be stored for any given user
 - Task 3: Effectively store the information of a single user
- Story 2: As a user, I would like a profile page where I can access all of my personal profile information, so that it is accessible and easy to track my habits.
 - Task 1: Design and implement UI for profile page
 - Task 2: Be able to store photos in a database
 - Task 3: Store photos sorted by corresponding habit
 - Task 4: Allow user to post photo to story
- Story 3: As a user, I would like the app to send me notifications, so that I am reminded to do my habits and stay consistent with them.
 - Task 1: Design notifications
 - Task 2: Implement notification system
 - Task 3: Let the user customize notifications (i.e, what time they want to receive the notifications/how many times a day)
 - Task 4: Give user the option to turn off notifications

Sprint 3:

- Story 1: As a developer, I would like the database to be able to handle multiple users so that the information can be accessed and interacted with by other users

- Task 1: Implement database for multiple users
- Task 2: Have easy access to this information for all users
- Story 2: As a user of the app, I would like to access my information securely, so that I know my photos and passwords can't be tampered with.
 - Task 1: Design login page
 - Task 2: Implement login page UI
 - Task 3: Implement login page backend for multiple users.
- Story 3: As a user of the app, I would like to be able to add friends, so that we can track our habits together.
 - Task 1: Implement the support of multiple users
 - Task 2: Add the ability to search for friends
 - Task 3: Add ability to add friends
 - Task 3: Implement friends list UI
 - Task 4: Add ability to remove friends

Sprint 4:

- Story 1: As a user, I would like to see my friends' habits, so that I can feel motivated by them.
 - Task 1: Design UI.
 - Task 1: Display multiple users stories/pictures
 - Task 1: Implement a feed where the user can scroll through and see all the the pictures of their friends building their habits
- Story 2: As a user, I would like to comment and like on my friends' habits, so that I can congratulate them.
 - Task 2: Give the user the ability to like pictures
 - Task 3: Give the user the ability to comment on pictures (maybe)