

Sprint 4 Plan

Homie by Homies for Life

Sprint completed on Sunday Dec. 2nd

Goal

- Minimal grocery list that shows items corresponding to the user's house and who added the items.
- Unit tests
- **Chore list with persons assigned and rotates on a weekly basis, and payments**
- **Have a notification system, for new grocery items and chores**
- **Payments of chores divided by amount of people in house like utilities**
- **Payment request, and verify payments**
- **Have a payment method like apple pay or venmo**

Tasks

- **[8]** As a end-user, I want to be able to see shared content within my house.
 - **Be able to display only content associated with the user's house (7 hrs)**
 - Grocery list: actual data
 - Chore list: actual data
 - Payments: actual data
- **[1]** As a end-user, I want to be able to add/remove items from the master grocery list.
 - Fix delete button to work with cards (3 hrs)
 - Implement a "clear list" button (3 hrs)
- **[3]** As a end-user, I want to be able to see who added which items on the grocery list.
 - Fix the layout of username on the cards (3 hrs)
- **[3]** As a end-user, I want to be able to see who added which items on the grocery list **originated from sprint 3)**
 - Display each grocery/supply item nicely (6 hrs)
- **[4]** As a end-user, I want to be able to rotate chores.

- Implement a button that manually allows the user to rotate chores among housemates (5 hrs)
- **[2]** As a end-user, I want to be able to create/see chores.
 - Create add/delete buttons on chores screen (3 hrs)
 - Implement cards for each chore (3 hrs)
 - Display the chore cards nicely (3 hrs)
- **[7]** As a end-user, I want to be able to see my payments so that I know what I owe and what I am requesting.
 - Add Requests and Charges screens under payments screen (create a stack) (5 hrs)
 - Display each payment with the username of the housemate being charged and the housemate charging the current user (10 hrs)
 - Create buttons for create/cancel requests (4 hrs)
- **[8]** As a end-user, I want to be able to receive automatic notifications in any changes to my chores/grocery list
 - **Set up a notification system (10 hrs)**
 - **Have a notification sent to everyone in the house when changes are made in the chores/grocery list (4 hrs)**
 - **Have a notification button that sends everyone a note in the house when they are going to the grocery store (6 hrs)**
 - **Have a notification button that sends everyone a note in the house when they have bought all items on the supply page (6 hrs)**
- **[5]** As a end-user who gets invited to join a house, I want to be able to get a notification in app and join.
 - Have a notification sent to the person who is invited (2 hrs)
 - **Allows the recipient to join house with notification (without knowing a house id/sender's email) (8 hrs)**
- **[4]** As a end-user, I want to see a settings page so that I can log out, add people to my house, see my profile, and see more information about the app.
 - Display username and email under profile (3 hrs)
 - Have a page on information about the development team (3 hrs)
- **[5]** Unit testing
 - For every screen created so far (10 hrs)
 - For the main functionalities implemented so far (8 hrs)
- **[5]** Add CI tools (**originated from sprint 3**)
 - **Look into CI tools (4 hrs)**

- **Implement a CI tool for our app (30 hrs)**
- **[21]** As a end-user, I want to be able to see a home screen that displays a dashboard of notifications.
 - Display notifications from groceries, payments, and chores (20 hrs)

Team Roles

- Keith Ho: Developer (Product Owner)
- Ben Pao: Developer, Designer
- Andy Wong: Developer
- Mary Chern: Developer, Designer (Scrum Master)

Initial Task Assignment

- **Keith**
 - Set up a notification system (10hrs)
- **Ben**
 - Look into CI tools (4hrs)
 - Implement a CI tool for our app (4hrs)
- **Andy**
 - Display each payment with the username of the housemate being charged and the housemate charging the current user (10 hrs)
- **Mary**
 - Complete groceries screen (5hrs)
 - Work on layout of chores screen (6hrs)

Initial Burnup Chart

Under Burnup Charts in Team Drive

Initial Scrum Board

<https://trello.com/b/SSQiOTTP/sprint-4-scrum-board>

Scrum Times

11/20 Tuesday 9pm Keith's Garage

11/25 Sunday 8pm S&E Library 309

11/27 Tuesday 8pm Keith's Garage

11/30 Friday 3pm J Baskin 316 (with TA)

12/01 Saturday 5pm Keith's Garage