Sprint 4 Report

Product Name: Homie
Product Team: Homies for Life (Andy Wong, Keith Ho, Ben Pao, Mary Chern)
Date: December 2, 2018

Actions to stop doing:
1. Stop meeting at 12am+, because everyone is too tired to be productive
2. Stop procrastinating on completing sprint tasks
3. Stop showing late to meetings and not showing up at all

Start doing
1. Start holding people accountable for not committing to their work items
2. Start asking for help on tasks when a member is stuck
3. Start meeting on TIME!

Keep doing
1. Plan what times to meet the meeting before so we all commit to the next meeting time
2. Meeting 4 times per week so that we can have more discussion on what we are doing
3. Sending reminders of meetings
4. Updating scrum board after each meeting
5. Posting useful information on slack
6. Stop underestimating the amount of time it takes to complete task
7. Start testing our code unit testing and implementation testing
8. Start working on sprint earlier in the week and not cramp on the weekends
9. Creating a "done checklist"
10. Maintain good coding standard

Work Completed:
1. Be able to display only content associated with the user's house (7 hrs)
   a. Grocery list: actual data
   b. Chore list: actual data
   c. Payments: actual data
2. As a end-user, I want to be able to add/remove items from the master grocery list.
   a. Fix delete button to work with cards (3 hrs)
   b. 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.
   a. Fix the layout of username on the cards (3 hrs)
4. As a end-user, I want to be able to create/see chores.

     a. Create add/delete buttons on chores screen (3 hrs)
     b. Implement cards for each chore (3 hrs)
5. As a end-user, I want to be able to rotate chores.
     a. Implement a button that manually allows the user to rotate chores among housemates (5 hrs)
6. 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.
     a. Add Requests and Charges screens under payments screen (create a stack) (5 hrs)
     b. Display each payment with the username of the housemate being charged and the housemate charging the current user (10 hrs)
     c. Create buttons for create/cancel requests (4 hrs)
7. Unit testing
     a. For every screen created so far (10 hrs)
     b. For the main functionalities implemented so far (8 hrs)
     c. Fix broken unit tests (30 hrs)
8. Add CI tools (**originated from sprint 3)**
     a. Look into CI tools (4 hrs)
9. As a end-user, I want to be able to see who added which items on the grocery list **(originated from sprint 3)**
     a. Display each grocery/supply item nicely (6 hrs)

Work not completed:
1. As a end-user, I want to be able to see a home screen that displays a dashboard of notifications.
     a. Display notifications from groceries, payments, and chores (20 hrs)
2. As a end-user who gets invited to join a house, I want to be able to get a notification in app and join.
     a. Have a notification sent to the person who is invited (2 hrs)
     b. Allows the recipient to join house with notification (without knowing a house id/sender's email) (8 hrs)
3. 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.
     a. Display username and email under profile (3 hrs)
     b. Have a page on information about the development team (3 hrs)
4. As a end-user, I want to be able to receive automatic notifications in any changes to my chores/grocery list
     a. Set up a notification system (10 hrs)
     b. Have a notification sent to everyone in the house when changes are made in the chores/grocery list (4 hrs)
     c. Have a notification button that sends everyone a note in the house when they are going to the grocery store (6 hrs)

   d. 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, I want to be able to create/see chores.
   a. Display the chore cards nicely (3 hrs)
 6. Add CI tools (**originated from sprint 3)**
   a. Implement a CI tool for our app (4 hrs)

Total number of user stories completed during the prior sprint.
5.5 user stories completed during the prior sprint.

User stories per day: 0.39 user stories per day

Total number of estimated ideal work hours completed during the prior sprint.
Total number of ideal work hours completed during the prior sprint is ~167 hours.

User stories per hour: 0.07 user stories per hour

Total number of days during the prior sprint.
The last sprint took 14 days

The final sprint burnup chart for the previous sprint should be available for viewing in the lab and an email of this chart sent to the TA/prof.