Product Name: FairShare
Team Name: FairShare Team
Sprint Completion Date: 2/19/2019
Revision Number: 2
Revision Date: 2/12/2019

Goal: --Starting implementing the necessities for the app.

Task Listing, Organized by User Stories

- **User Story 1:** -- As a user I want to be able to navigate the app, so that I can use all the features.
    - **Task 1:** --Research how to create a navigator (9hrs)
    - **Task 2:** --Install react-navigation((6hrs)
        - Lots of conflicts and errors
    - **Task 3**: -- Create stacks for different components(3hr)
        - Login, payments, splitting, etc
    - **Task 4**: -- Connect all different features and make sure they run on this stack(2hrs)
        - Follow system overview diagram
- **User Story 2:** --As a user I want the app to work without problems, so that I can continue working on it.
    - **Task 1:** --Testing Sign Up/Login (10hrs)
        - Facebook, google, firebase
        - Check backend to make sure profile gets stored correctly for sign up
    - **Task 2:** --Testing Calculation (2hr)
        - Splitting algorithm, make sure that output is as expected
- **User Story 3**: -- As a user I want to have a profile, so that I can let people find me.
    - Task 1: -- Figure out how DB users tables(2hr)
    - Task 2: -- Go to edit profile info after signup page(5hrs)
        - This should have fields for your profile like name, phone number, DoB
    - Task 3: -- Work on portraying information we inserted(8hrs)
    - Task 4: -- Fetch user data from database(6hrs)
    - Task 5: -- UI design of information(8hrs)
    - Task 6:-- Links to edit profile(1hrs)
- **User Story 4:** --As a user I want to be able to charge someone, so that I can get my money back.
    - **Task 1:** --Firebase store payments amounts with different users layout(6hrs))
        - Figure out how we want to store the payments
        - UID-request/charges for each user
    - **Task 2:** -- Store with message payment amount and person charging (4hrs)

- ■ Figure out fields of the payments table in firebase
- ■ Be able to store actual payments calculated from previous page into the database
  - ○ **Task 3: --** verify that its storing in db correctly (1hr)
  - ○ **Task 4:--** Pass information from previous page to be stored(4hrs)
  - ○ **Task 5:--** create input fields for storing description/title of payment(2hrs)
  - ○ Task 6: -- Find person to charge (8hrs)
    - ■ Index function firebase
    - ■ Find by email, uid is unknown to users
  - ○ Task 6: -- UI design on charges(6hrs)
- ● **User Story 5**: --As a user I want to be able to Auto incorporate tip and tax with said charges, so that I don't have to waste time doing it.
  - ○ **Task 1: --** After inputting price and tip auto update tax for the cost(2hr)
  - ○ **Task 2: --** same for tax(1hr)
  - ○ **Task 3: --** add this to split evenly page(6hrs))
    - ■ Fixing other bugs too and making input fields clear
- ● **User Story 6: --**As a user I want to see a history of all my payments/charges, so that I can verify if I paid someone yet
  - ○ **Task 1: --** Currently have a paid button that marks the payment as paid(2hr)
    - ■ Boolean, IF paid boolean should be true
  - ○ **Task 2: --** No in app payments yet, but have function that marks it as paid after our payment returns true(6hrs)
    - ■ Make a mark as paid button that pretends payment is paid
    - ■ Move paid payment in both request and charged to persons respective history table in DB
  - ○ **Task 3: --** If have time Create a new pages on the app to display the payments
    - ■ Get from firebase(4hrs)
    - ■ Store into list(5HRS)
    - ■ Use a listview and display with those having been paid on another page or marked(10hrs)
      - ● Displayed as cards and card items with functionality of buttons that correspond to each card
- ● **User Story 7: --**As a user I want to receive notifications, so that I am up to date.
  - ○ **Task 1: --**Research notifications(10hrs)
  - ○ **Task 2: --** Allow app to give notifications(5hrs)
    - ■ Access notifications, user has to press yes to allow notifications
  - ○ **Task 3: --** notify when someone request a payment(links a payment to you)(10hrs)
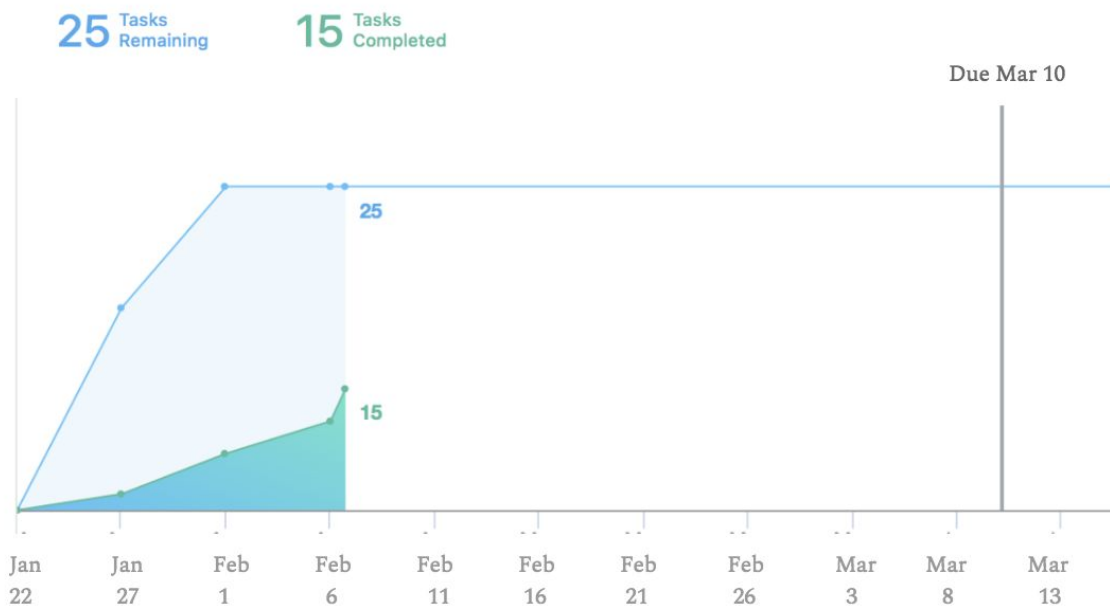
Total Story Points: --

Team Roles:

Initial Task Assignment:

User Story 1: Everyone
User Story 2: Jerod and Danny
User Story 3: wait for everyone
User Story 4: Andy
User Story 6: Alexis
User Story 7: Everyone

Initial Burn Up Chart

25 Tasks Remaining   **15** Tasks Completed

Due Mar 10

25

15

Jan 22 | Jan 27 | Feb 1 | Feb 6 | Feb 11 | Feb 16 | Feb 21 | Feb 26 | Mar 3 | Mar 8 | Mar 13

Scrum Times
Tu Thur & Sun @ 5:40pm near Jack Baskin

TA Meeting
Tu @ 5:20 pm

Sponsor Meeting with Harland
Once a week sometime between 6 - 9 p.m. via google hangout