

Product Name: FairShare  
Team Name: FairShare Team  
Sprint Completion Date: 2/19/2019  
Revision Number: 1  
Revision Date:

**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 (5hr)
  - **Task 2:** --Install react-navigation(3hr)
    - 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 (3hrs)
    - 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(4hrs)
    - 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(3hrs)
- **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(7hrs)
    - 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(2hrs)
    - 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(3hrs)
    - 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)

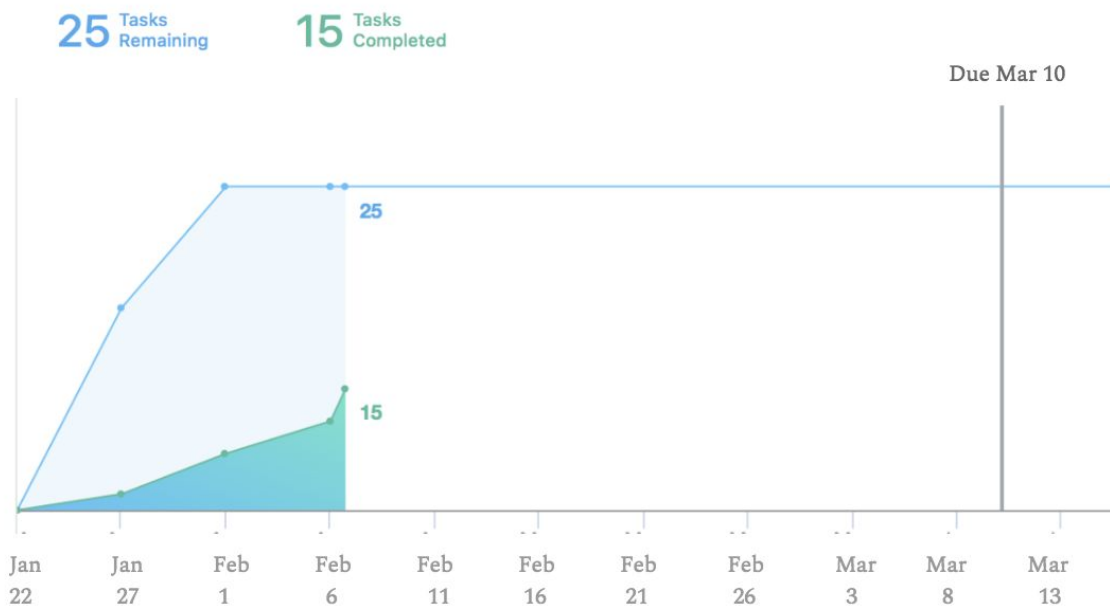
**Total Story Points: --**

**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



### 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