

## Sprint 4 Plan

Product Name: FairShare  
Team Name: FairShare Team  
Sprint Completion Date: 5/27/19  
Revision Number: 1.0  
Revision Date: --

**Goal:** To fix bugs and implement new features

### Task Listing, Organized by User Stories

- User Story 1 -- [5]As a user, I want to make sure the app isn't confusing, so that I can use it efficiently.
  - Fixing bugs
    - Paypal,
    - Geolocation
  - Page loading slowly
  - UpdateProfile broken
  - Fix evenly split number of people
  - Test all buttons
  - Test all situations
  - ToFix(2) errors
  - Nav button need to fix position
- User Story 2 -- [5]As a developer, I want to implement geolocation so that I can auto calculate tax based on the user's location to make it easier for the user to use the app.
  - Display tax rate in the text input
- User Story 3 -- [5]As a user, I want to be notified of charges made so that I can make payments on time and not be charged interest.
  - Implement timed notifications
  - Firebase function trigger on create

- Notify on new charges
- User Story 4 -- [3] As a user, I would like to scan my receipt and be able to see the items I purchased on the app
  - Parse out data from OCR to find total and items. With reg expressions
  - Add validation page like check if items match total,
  - Calculate tax from this
- User Story 5 -- [3] As a user I want to see details about what is being charged, so I can see the tax rate and etc.
  - Add view details button
  - Include tax rate tip rate
  - Original amount for interest, interest rate.
  - Date charged
- User Story 6 -- [3] As a user I want to know if my receipt got parsed correctly, so I can make changes if needed.
  - Alert if items got not equivalent to total on receipt
- User Story 7 -- [1] As a user I want to be able to include tax and tip in the bill split process, so that it simplifies my job..
  - Add tax and tip in uneven split
  - Include geolocation in the tax
- User Story 8 -- [3] As a user, I would like to create a group called friends and be able to charge everyone in the group
  - Add this to when finding people to charge
  - Easily add people to charge instead of finding through email
  - Add friend on profile page

**Total Story Points: 28**

### **Team Roles**

<b>Danny:</b>	<b>Developer</b>
<b>Andy:</b>	<b>Developer</b>
<b>James:</b>	<b>Developer</b>

**Alexis: Scrum Master**

### **Initial Task Assignment:**

Danny	User Story 1, 4,8
Andy	User Story 1, 2, 4
James	User Story 1, 3
Alexis	User Story 1, 4, 5

### **Scrum Times**

Tu Thur & Sun @ 5:00pm near Jack Baskin

### **TA Meeting**

Tu @ 11:40 pm

### **Sponsor Meeting with Harland**

#### Scale

- From 1 to 9 (odd numbers)
  - 1 = very easy, 1 person can do it
  - 3 = easy, may have multiple people working on the task if needed
  - 5 = moderate, multiple people have to work on the task
  - 7 = hard, we have an idea of what to do, multiple people have to work on the task
  - 9 = very hard, no clue what to do/whole team effort