Sprint 3 Plan

- Product Name - Rentit
- Team Name - Rental Web App
- Sprint completion date - 03/13/18
- Revision number - 3
- Revision date - 2/22/18

Goal: Implement interactions between users and be able to edit information.

- As a renter, I want to be able to see what times have been reserved on the item so I know when I can rent it **(8, S)**
  a. Import reservation calendar component (1 hour)
  b. Display current reservations on calendar (1 hour)
  c. Allow user to select a block of days to reserve item (1 hour)
  d. Notify item owner about the dates being reserved (1 hour)
  e. Update current reservations on database (2 hours)

  Acceptance Criteria:
  Allow users to see calendar and current reserved times and reserve new times

- As a user, I want to be able to search items so I can find what I need. **(13, M)**
  a. Learn firebase querying (2 hours)
  b. Pull items from database according to search criteria (4 hours)
  c. Design and implement UI for choose filters (3 hours)
  d. Filter results by category, price, location, item condition (3 hours)
  e. Design and implement UI to apply sorting (1 hours)
  f. Sort results by price(2 hours)

  Acceptance Criteria:
  Allow users to search for items with optional filters and receive sorted items.

- As a user, I want to be able to edit my account information. **(8, S)**
  a. Create UI for edit user profile page (1 hours)
  b. Pull current info from database to populate form to be changed (2 hours)
  c. Get info to update in the database (3 hours)
  d. Implement UI (3 hours)

  Acceptance Criteria:
  Make a form to resubmit info, data is successfully changed in database

- As an owner, I want to be able to edit details of items I have posted. **(8, S)**

a. Create UI for edit item page (1 hours)
b. Allow user to select items from their own profile page, if they are currently logged in (3 hours)
c. Pull current info from database to populate form to be changed (2 hours)
d. Get info to update in the database (3 hours)
e. Implement UI (3 hours)

Acceptance Criteria:
Allow users to edit item information for their own posts

- As a renter, I want to be able to rate the item on the basis of how it was maintained. **(8, S)**
    a. Show rating of current item on item list view, and on individual item page (1 hour)
    b. Design and implement UI for posting a new review (3 hours)
    c. Update item model on database with new reviews (1 hour)
    d. Pull and display reviews on item page (1 hour)

Acceptance Criteria:
Allow users to rate items and update its rating

- As an owner, I want to be able to see user ratings so that I can decide whether or not I should make transactions with that specific renter. **(5, S)**
    a. Show rating of renters upon reservation request in email (1 hour)
    b. Let users rate others at profile page (2 hours)
    c. Update user rating in database on new rating (1 hours)

Acceptance Criteria:
Allow users to rate profiles and update their rating

- As a user, I want to see the history of all my transactions.**(5, S)**
    a. When and item is rented, store transaction on user object (3 hours)
    b. Design and implement UI to view transaction history (3 hours)
    c. Pull transaction history from database and display it (1 hour)

Acceptance Criteria:
Past transactions of the user is displayed on profile

- As a renter, I want to be able to browse popular items so I can see what people near me have to offer. **(5, S)**
    a. Calculate featured items based on rating and number of ratings (3 hours)
    b. Pull featured items from database (1 hour)

    c.   Display featured items on homepage (1 hour)

Acceptance Criteria:
Create algorithm for most popular items and display them on home page

- As an owner, I want to be able to cancel a reservation so I can prevent users who have damaged items from renting my item **(8, S)**
  - a. Design and implement UI for displaying current reservations on owner's items (3 hours)
  - b. Pull current reservation data from firebase (1 hour)
  - c. Update firebase when owner cancels a reservation (2 hours)
  - d. Alert renter that their reservation has been canceled (1 hour)

  Acceptance Criteria:
  Allow only the owner to cancel any reservation on the calendar

- As a renter, I want to be able to cancel a reservation if I change my mind about wanting to rent an item. **(5, S)**
  - a. Design and implement UI for displaying current reservations made by user (3 hours)
  - b. Pull current reservation data from firebase (1 hour)
  - c. Update firebase when renter cancels a reservation (2 hours)

  Acceptance Criteria:
  Allow renters to only cancel their own reservation on the calendar

Team roles:

Aaron - Product Manager
Andrew - Developer
Pragun - Scrum Master
Terrence - Scrum Master
Curtis - Developer
Brandon - Developer

Initial Task Assignment:

Aaron -
- As an owner, I want to be able to see user ratings so that I can decide whether or not I should make transactions with that specific renter. **(5, S)**
    a. Show rating of renters upon reservation request in email (1 hour)
    b. Let users rate others at profile page (2 hours)
    c. Update user rating in database on new rating (1 hours)

Andrew -
- As an owner, I want to be able to edit details of items I have posted. **(8, S)**
    a. Create UI for edit item page (1 hours)
    b. Allow user to select items from their own profile page, if they are currently logged in (3 hours)
    c. Pull current info from database to populate form to be changed (2 hours)
    d. Get info to update in the database (3 hours)
    e. Implement UI (3 hours)

Pragun -
- As a renter, I want to be able to browse popular items so I can see what people near me have to offer. **(5, S)**
    a. Calculate featured items based on rating and number of ratings (3 hours)
    b. Pull featured items from database (1 hour)
    c. Display featured items on homepage (1 hour)

Terrence -
- As a user, I want to be able to search items so I can find what I need. **(13, M)**
    a. Learn firebase querying (2 hours)
    b. Pull items from database according to search criteria (4 hours)
    c. Design and implement UI for choose filters (3 hours)
    d. Filter results by category, price, location, item condition (3 hours)
    e. Design and implement UI to apply sorting (1 hours)
    f. Sort results by price(2 hours)

Curtis -
- As a user, I want to have a profile so other users can identify me **(5, M)**
    1. Create UI for user profile page (3 hours)
    2. Store and retrieve information from database accordingly. [user info] (3 hours)

- As a user, I want to be able to edit my account information. **(8, S)**

a. Create UI for edit user profile page (1 hours)
b. Pull current info from database to populate form to be changed (2 hours)
c. Get info to update in the database (3 hours)
d. Implement UI (3 hours)

Brandon -
- As a renter, I want to be able to see what times have been reserved on the item so I know when I can rent it **(8, S)**
    a. Import reservation calendar component (1 hour)
    b. Display current reservations on calendar (1 hour)
    c. Allow user to select a block of days to reserve item (1 hour)
    d. Notify item owner about the dates being reserved (1 hour)
    e. Update current reservations on database (2 hours)

Meeting Days: Tuesday, Thursday after class. Wednesday @ 3:30