

## Sprint 2 Plan

- Product Name - Rentit
- Team Name - Rental Web App
- Sprint completion date - 02/21/18
- Revision number - 2
- Revision date - 2/6/2018

### Goal:

Finalize critical functionality, integrate components via active data on the realtime database

### Tasks:

- As a developer, I want to be able to access the id of the current user so I can use this information to update other components **(2, M)**
  - a. Implement the getCurrentUserID() function in database tools (2 hours)
- As a user, I want to be able to post things on the website so that I can rent out my items. **(5, M)**
  1. Design a item post form ( 3 hours )
  2. Store item details into the database ( 3 hours )
  3. Display confirmation of successful post (1 hour)

### Acceptance Criteria:

User can successfully fill out the form such that the correct data appears in the database

- As a user, I want to be able to view individual items on the website so that I can use the items posted. **( 8 , M)**
  1. Design and implement a user interface for viewing and selecting an item ( 4 hours )
  2. Implement a basic item view page ( 3 hours )
  3. Pull individual items from the database and display them on the website ( 3 hours )

### Acceptance Criteria:

User can see a list of items and click on any of them to render a page specific to that item

- 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 )

### Acceptance Criteria:

User can navigate to their account page which lists the correct information for that user

- 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:

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

- 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)

#### **Team roles:**

Aaron - Product Manager

Andrew - Developer

Pragun - Developer

Terrence - Developer

Curtis - Scrum Master  
Brandon - Scrum Master

### Initial Task Assignment:

#### Aaron -

- As a user, I want to be able to view individual items on the website so that I can use the items posted. **( 8 , M)**
  4. Design and implement a user interface for viewing and selecting an item ( 4 hours )
  5. Implement a basic item view page ( 3 hours )
  6. Pull individual items from the database and display them on the website ( 3 hours )

#### Andrew -

- As a developer, I want to be able to access the id of the current user so I can use this information to update other components **(2, M)**
  - a. Implement the getCurrentUserID() function in database tools (2 hours)

#### Pragun -

- As a user, I want to be able to post things on the website so that I can rent out my items.**(5 , M)**
  4. Design a item post form ( 3 hours )
  5. Store item details into the database ( 3 hours )
  6. Display confirmation of successful post (1 hour)
- 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)

#### 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)**
  - 3. Create UI for user profile page ( 3 hours )
  - 4. 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