Release Plan

- Product Name: Rentit
- Team Name: Rental Web App
- Team Members: Pragun Sharma, Aaron Doubek-Kraft, Andrew de Neve, Curtis Lee, Terrence Fong, Brandon Nguyen
- Release Name: 1.0
- Release Date: March 9th
- Revision Number: 1
- Revision Date: January 18th, 2018

- High Level Goals
    - To allow users to rent or rent out items
    - View items in a list and individually on the website
    - Search items

User Stories for Release

- Sprint 1
    a. As a user, I want a secure and valid sign in or authentication method so that my private information is not shared with other people. **(8 , M)**
    b. As a user, I want to see a public home page without having an account. **(3, S)**

- Sprint 2
    a. As a user, I want to have a profile so other users can identify me **(5, M)**
    b. As a user, I want to be able to post things on the website so that I can rent out my items. **(5 , M)**
    c. 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)**
    d. As a user, I want to be able to edit my account information. **(5, S)**
    e. 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)**
    f. As a renter, I want to be able to view photos/descriptions of the items I want to rent so I know exactly what I'm getting. **(5, M)**
    g. As a user, I want to be able to search items so I can find what I need. **(8, M)**
    h. As an owner, I want to be able to edit details of items I have posted. **(8, S)**

- Sprint 3

a. As a user, I would prefer a chat system, so that I don't have to give my personal contact number. **(8, S)**
b. As a renter, I want to be able to rate the owner on the basis of how he maintained the item that was rented. **(5, S)**
c. As an owner, I want to be able to see renter ratings so that I can decide whether or not I should rent my items to that specific renter. **(2, S)**
d. As a user, I want to see the history of all my transactions.**(5, S)**
e. 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)**

- Product Backlog
  a. As a user, I want my payment methods/details to be encrypted so that my payment information is not leaked. **(5 , C)**
  b. As a user, I want to be able add payment methods to make purchases.**(8, S)**
  c. As a user, I want to see the items I am renting to know how much time I have left **(5, S)**
  d. As an owner, I want to see the status of my rented items so i know how much more time the renter has. **(5, S)**
  e. As a user, I want a notification pop up system, so i know when someone's interested in one of my items. **(3, S)**
  f. As a user, I want to be able to add a bio to my profile so people can learn a bit about me. **(3, S)**
  g. 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

User Story Cards (subtasks and acceptance criteria)

- As a user, I want a secure and valid sign in or authentication method so that my private information is not shared with other people
    1. Design a login web-page
    2. Email verification?
    3. Encrypt passwords.
    4. Insert user login info into database collection
    5. Verify password

Acceptance Criteria:
User can successfully create an account, verify creation by email, login to the main site; the system should also store encrypted passwords.

- As a user, I want my payment methods/details to be encrypted so that my payment information is not leaked.
    1. Design UI to accept user payment information
    2. Encrypt the data stored in the database so that only the owner can see the payment details

Total hours:

Acceptance Criteria:
User would be able to easily enter payments details on the website and we can ensure a safe and quick checkout.

- As a user, I want to be able to post things on the website so that I can rent out my items.
  - Sprint 1
    1. Design a item post form
    2. Store item details into the database
    3. Pull item details upon search request

Total hours:

Acceptance Criteria:
User can successfully fill out a form with the details of his item and post it to the system such that it can be viewed by other users.

- As a user, I want to be able to view individual items on the website so that I can use the items posted.
    1. Design and implement a user interface for viewing and selecting an item
        a. Retrieve item selected from database and update UI accordingly

Total hours:

Acceptance Criteria:
Users will be able to view details of the items posted and make a good decision

- As a user, I want to be able to search items so I can find what I need
    1. Design and implement a user interface for viewing a list of available items
    2. Filter results according to the needs of the user

Total hours:

Acceptance Criteria:
Users will be able to view desired items more efficiently

- As a user, I would prefer a chat system, so that I don't have to give my personal contact number.
    1. Design an in-app chat system UI
    2. Store and load conversations from database

Total hours:

Acceptance Criteria:
Users will be able to communicate effectively from within the app

- As a rentee, I want my search results to be filtered on the basis of location, cost etc.
    1. Prioritize items posted in accordance to the location of the user and the desired cost.
    2. Update the UI accordingly

Total hours:

Acceptance Criteria:
The process of renting out items will become easier for users

- As a rentee, I want to be able to rate the renter on the basis of how he maintained the item that was rented.
    1. Add UI which shows the rentee's ratings given by users who rented out items from this specific rentee.
    2. Store and retrieve information accordingly from the database

Total hours:

Acceptance Criteria:
It will help other users from getting scammed or help them make a good decision about renting items

- As a renter, I want to be able to see rentee ratings so that I can decide whether or not I should rent my items to that specific rentee
    1. Create UI so that the renter is able to view rentee's ratings
    2. Store and retrieve information accordingly from the database

Total hours:

Acceptance Criteria:
It will help other users from getting scammed or help them make a good decision about renting items

- As a team member, I need a common email account so that I can interact with Firebase (backend service).
    1. Set up a common email account for the team to use in firebase

Total hours:

Acceptance Criteria:
Will save time in future when merging stuff done by individual members of the team

- As a rentee, I want to be able to view photos/descriptions of the items I want to rent so I know exactly what I'm getting.
    1. Create UI which will display images added by the user
    2. Store and retrieve images to and from the database

Total hours:

Acceptance Criteria:
Will help users to make a good decision before paying to rent the items

- As the product owner, I want a group chat so the team can communication (slack)
    1. Set up slack channel for the team

Total hours:

Acceptance Criteria:
Will help team members communicate effectively

- As a user, I want to be able to see the history of all my transactions
    1. Create an interface for searching through past transactions
    2. Query the database for past transactions
    3. Display past transactions on the user's account page

Acceptance Criteria:
   User can go onto his account and successfully search through all his past invoices.