

Goal:

The essential goal of this sprint is to give the users the ability to securely log into the application and store data - passwords, tags, geolocation, names - into a database, local to their Android device.

Task Listing [ Organized by User Story ]:

- **User Story 1:** As a user, I want a password to unlock my application so that only I can access the application.
  - Task 1: Find out where to store user's password of application to device. (1 hour)
  - Task 2: Implement a password requirement on start of device, allow users to create password as well (6 hours)

Total for user story: 7 hours

- **User Story 2:** As a user, I want to store data and password locally on my device so that I can recall/access them later from my device.
  - Task 1: Create a database local to the Android device. (3 hours)
  - Task 2: Implement method to store user's inputted data on device (database) (7 hours)

Total for user story: 10 hours

- **User Story 3:** As a user, I want to be able to tag my passwords with a location so that they can be recalled later based on the location.
  - Task 1: Research on Android GPS or Google Maps API, document needs. (1 hour)
  - Task 2: Return geolocation (longitude and latitude) of current location via GPS. (8 hours)
  - Task 3: Add geolocation to be stored, along with passwords, to database. (2 hours)

Total for user story: 11 hours

- **User Story 4:** As a user, I want the data stored on my device to be encrypted so that my vital information can have more security.
  - Task 1: Create/find location where input data can be stored in Android device for secure storage. (1 hour)
  - Task 2: Construct a data structure for password encryption. (6 hours)
  - Task 3: Implement encryption scheme and that can encrypt and decrypt. (7 hours)

Total for user story: 14 hours

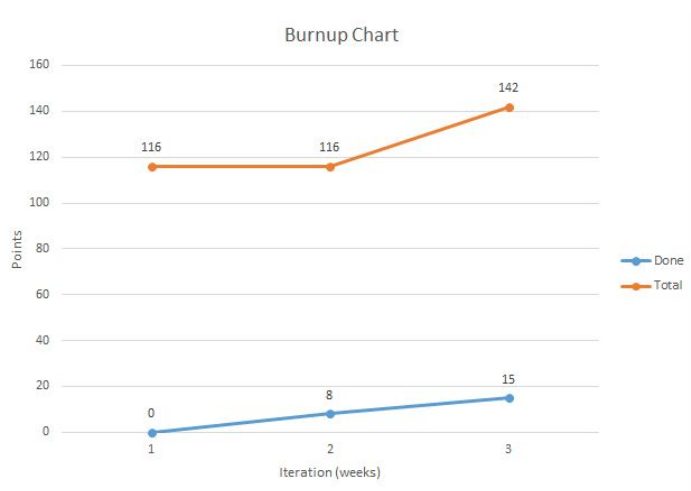
### Team Roles:

Daniel Ingersoll	1: Product Owner, Developer (Basic UI)
Daniel Kimmelman	2: Scrum Master, Developer (Basic UI)
Raul Moncayo	3: Developer (System Programmer)
Alexander Nguyen	4: Developer (System Programmer)

### Initial Task Assignment:

Daniel Ingersoll	1: User story 1, Task 2
Daniel Kimmelman	2: User story 4, Task 1
Raul Moncayo	3: User story 2, Task 1
Alexander Nguyen	4: User story 3, Task 1

### Initial Burnup Chart:



- Burn-up Chart can be found on Github repository; file name is Burnup\_Chart.xlsx

### Initial Scrum Board:

Scrum Board can be found in Baskin 316.

### Scrum Times:

- Tuesdays: 6 pm - 6:15 pm (With TA)
- Wednesdays: 12:30 pm - 12:45 pm
- Fridays: 12:30 pm - 12:45 pm