SafetyPal Sprint 1 Plan

- **Heading:**
  - Document name:
    - Sprint 1 Plan
  - Product name:
    - SafetyPal
  - Team Members:
    - Evan Blank   (eblank@ucsc.edu)   Product owner
    - Karl Wong   (kagawong@ucsc.edu)   Scrum master (s1)
    - Ali Hooman   (alhooman@ucsc.edu)
    - Rami Alrwais   (raalrwai@ucsc.edu)
    - Jeff Liao   (cliao9@ucsc.edu)
    - Susana Esparza   (smesparz@ucsc.edu)
  - Sprint completion date:
    - July 10, 2018
  - Revision number:
    - #2
  - Revision date:
    - July 4, 2018

- **Goal:**
  - Implement Firebase, a simple UI, SMS functionality, and alarms.

- **Task Listing:**

Sprint 1:

User story 1 (13 pts): As a user, I would like to save contacts and have log-in capabilities so that I can instantly send messages to people I want to contact. (Evan) (Karl)
- *Task 1 (4 pts)*: Use Firebase to implement Google account authentication challenge using OAuth2 protocol.
- *Task 2 (3 pts)*: Implement Google contacts view to select safety contacts.
- *Task 3 (3 pts)*: Create a structure to store and access specific safety contacts.
- *Task 4 (3 pts)*: Create an outgoing SMS system.

User story 2 (5 pts): As a user, I would like to be able to use this app effectively through an interactive UI. (Susana) (Rami)
- *Task 1 (1 pts)*: Design a basic layout of the interactive UI so we can understand how many core functionalities for buttons, certain views, etc.
- *Task 2 (2 pts)*: Create a simple UI in Android studio for login page.
- *Task 3 (2 pts)*: Create a simple UI in Android for the homepage of the app.

User story 3 (6 pts): As a user, I need to send an SMS alert. (Karl)

- *Task 1 (1 pts)*: Learn how to send/receive SMS, Android SmsManager API.
- *Task 2 (4 pts)*: Implement outgoing SMS functionality.
- *Task 3 (1 pts)*: Create test cases to check SMS functionality.

User story 4 (6 pts): As a user, I need to send my current location. (Ali)
- *Task 1 (1 pts)*: Learn how to find and send device location, Google Fused API.
- *Task 2 (2 pts)*: Create a method to get device's last known location.
- *Task 3 (3 pts)*: Create a method to store and transfer device's last known location.

User story 5 (8 pts): As a user, I need to trigger an alarm on my safety contacts' devices when I am in trouble. (Jeff)
- *Task 1 (1 pts)*: Learn how to trigger an alarm on another user's device.
- *Task 2 (4 pts)*: Implement an alarm in the SafetyPal app.
- *Task 3 (3 pts)*: Once the alarm system is created, test the system to make sure it is working properly. If not improve the code.

- **Teams roles:**
  - Product owner:
    - Evan
  - Scrum master:
    - Karl
  - Team members:
    - Susana
    - Jeff
    - Rami
    - Ali

- **Initial Task Assignment:**
  - *User story 1: (13pts)*

Task #	Points	Name
Task 1	4	Evan/Karl
Task 2	3	Evan/Karl
Task 3	3	Evan/Karl
Task 3	3	Evan/Karl

○ *User story 2:*

Task #	Points	Name
Task 1	1	Susana
Task 2	2	Rami
Task 3	2	Susana/Rami

○ *User story 3:*

Task #	Points	Name
Task 1	1	Ali/Rami
Task 2	2	Ali/Karl
Task 3	3	Rami/Karl

○ *User story 4:*

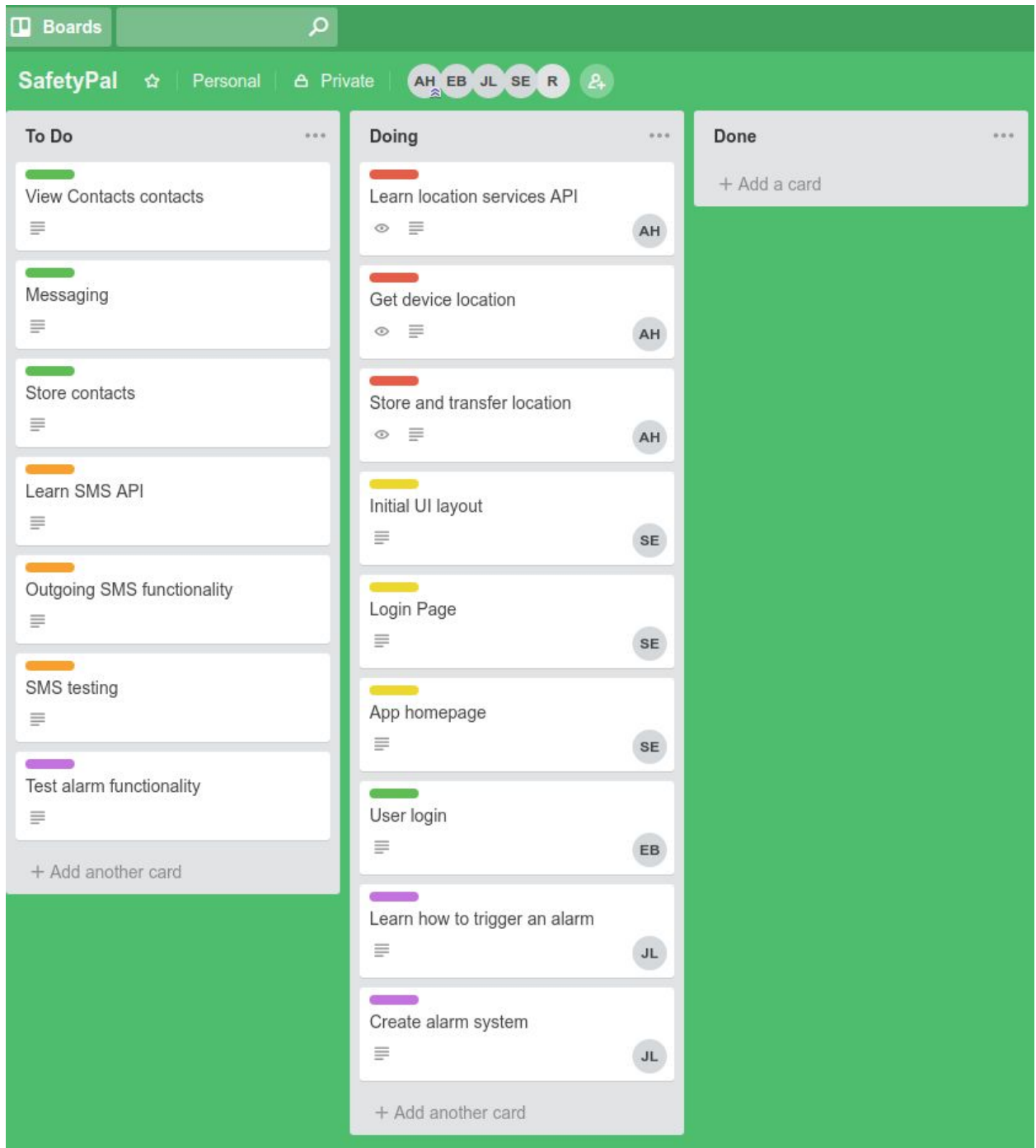| Task #	Points	Name
Task 1	1	Ali/Jeff/Rami
Task 2	4	Ali/Jeff/Rami
Task 3	3	Jeff/Rami

● **Initial Burnup Chart:**

Sprint 1 burn up
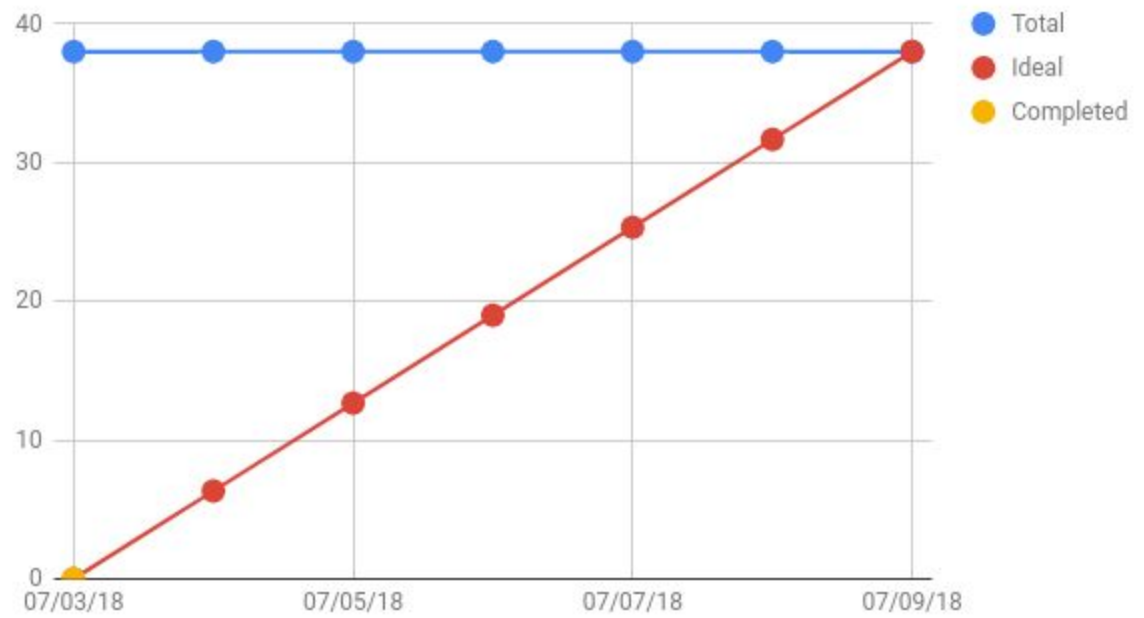
- **Initial Scrum Board:**

- **Scrum Times:**
  - TA meetings:
    - Tuesday/Thursday at 2:45-3:15
  - Scrum meetings:
    - Monday and Wednesday, after class.