

## Sprint 2 Plan

### Heading:

Product name: PhotoOp

Team name: Team CIDL

Sprint completion date: 11/3/19

Revision number: 1

Revision date: 10/21/19

### Goal:

- High level goal #1: Be able to track user's current location
- High level goal #2: Be able to recommend users picture-worthy places closest to their current location

### Task listing, organized by user story:

- User story 1: As a user, I need to be able to login so I can see my personalized recommendations.
  - Task 1: Design a login screen (1 hour)
  - Task 2: Implement a login screen (1 hour)
  - Task 3: Use Firebase to authenticate a user's login (3 hours)
  - Total for user story 1: 5 hours
  - **Spikes:** Learning to link React Native and Firebase
- User story 2: As a user I need to be able to see my current location so that I can track where I am.
  - Task 1: Integrate Google Maps (4 hours)
  - Task 2: Be able to track user's current location (2 hours)
  - Total for user story 2: 6 hours
  - **Spikes:** Learning how to integrate Google Maps
- User story 3: As a user, I need to be able to see relevant recommendations so I can find which ones I like and want to go to.
  - Task 1: Pick locations to recommend (using Santa Cruz locations for now) (1 hour)
  - Task 2: Display locations in Google Maps as points of interest (4 hours)
  - Total for user story 3: 5 hours
  - **Spikes:** Learning how to manipulate Google Maps view
- User story 4: As a user, I need to be able to see the recommendations within a certain radius so I don't have to travel too far to get to them.
  - Task 1: Setting radius in Google Maps (1 hour)
  - Total for user story 4: 1 hour
  - **Spikes:** Learning how to filter locations using Google Maps
- User story 5: As a product tester, I need to have access to the database so I can make sure that all the locations are able to be recommended to users.
  - Task 1: Cross check product's recommendations with those listed in database to see if all locations within a certain radius are shown to the user. (1 hour)
  - Total for user story 5: 1 hour

- **Spikes:** Learning how to use Firebase

**Team roles:**

1. Iva: Developer
2. Chhavi: Developer, Product Tester
3. Disha: Developer, Scrum Master
4. Leah: Product Owner, Developer

**Initial task assignment:**

Iva	User Story 1, initial task 3
Chhavi	User story 1, initial task 2
Leah	User Story 2, initial task 1
Disha	User story 1, initial task 1

**Initial burnup chart:**

Link: [https://docs.google.com/spreadsheets/d/1A\\_NJ5Mv-AgC7jQUKv7KTMo0\\_eK\\_DNozv0KGIHTqHiSU/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1A_NJ5Mv-AgC7jQUKv7KTMo0_eK_DNozv0KGIHTqHiSU/edit?usp=sharing)

**Initial scrum board:**

Link: <https://trello.com/b/dfiDCdjf/scrum-board>

**Scrum times:**

- Mondays, 1:30-2pm
- Wednesdays, 4:30-5pm (TA meeting)
- Fridays, 1:30-2pm