Sprint 4 Plan

Heading:
Product name: PhotoOp
Team name: Team CIDL
Sprint completion date: 12/1/19
Revision number: 1
Revision date: 11/17/19

Goal:

- High level goal #1: User is able to see recommended picture-worthy places closest to their desired location
- High level goal #2: User is able to see a picture of and other information about the recommended location
- High level goal #3: User is able to login to personal account to see stored favorite photo locations
- High level goal #4: User is able to filter recommended locations by type

Task listing, organized by user story:

- User story 1 (4 points):
    - As a user, I need to be able to enter the desired location from which I would like to see recommendations so I can see which locations are closest to that location.
        - Task 1: Use Google Maps Geocoding API to get coordinates of user inputted address
            - 4 hours
        - Task 2: Create text input component on interface that accepts user inputted address
            - 2 hours
        - Task 3: Allow the order of the list view on the interface to be recalculated every time a user enters a new address in the text input box
            - 5 hours
    - Total: 11 hours
- User story 2 (5 points):
    - As a user, I need to see a picture and the address of the recommended location I am interested in when I click on it.
        - Task 1: Create front-end component that user goes to when they click on a location button on the home page
            - 4 hours
        - Task 2: Use Google Maps Place Photos API to get picture, name, and address of each recommended location
            - 5 hours
    - Total: 9 hours
- User story 3 (6 points):

    - As a user, I need to be able to save a photo location to my favorites list so I can remember which recommended location I liked.
        - Task 1: Configure Firebase database to store favorites list per user.
            - 4 hours
        - Task 2: Add “Add to favorites” button to location description page that adds location to user’s favorites list
            - 3 hours
        - Task 3: Create screen component that lists all of user’s saved favorites every time user logs into their account
            - 4 hours
        - Task 4: Allow user to remove location from favorites list when they go to the description page of one of their favorites
            - 3 hours
    - Total: 14 hours
- User story 4 (4 points):
    - As a user, I want to be able to filter my recommended locations by type so I can narrow down my search to find the type of location I am looking for
        - Task 1: Store the type of each recommended photo location
            - 2 hours
        - Task 2: Add picker to interface that allows user to see only locations of each designated type
            - 3 hours
    - Total: 5 hours

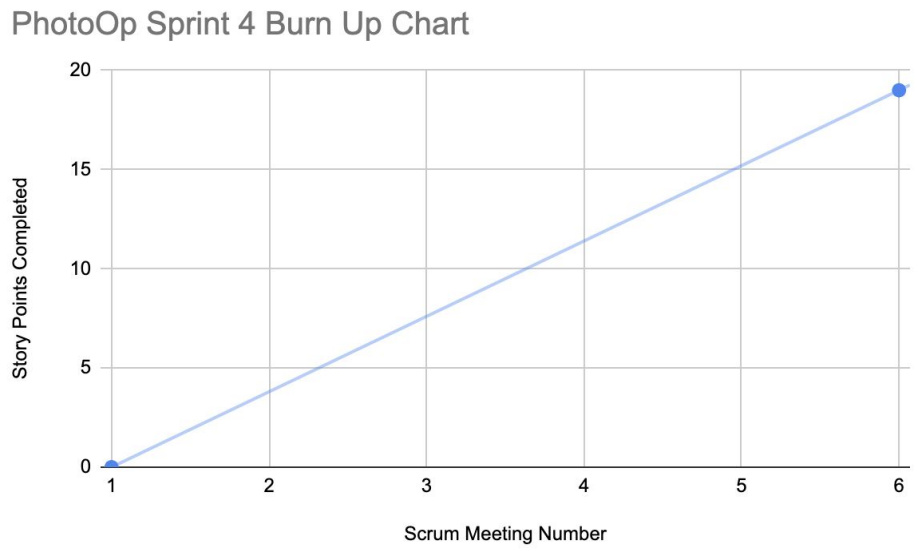
Team roles:

- Iva: Developer
- Chhavi: Developer, Scrum Master
- Leah: Product Owner, Developer
- Disha: Developer

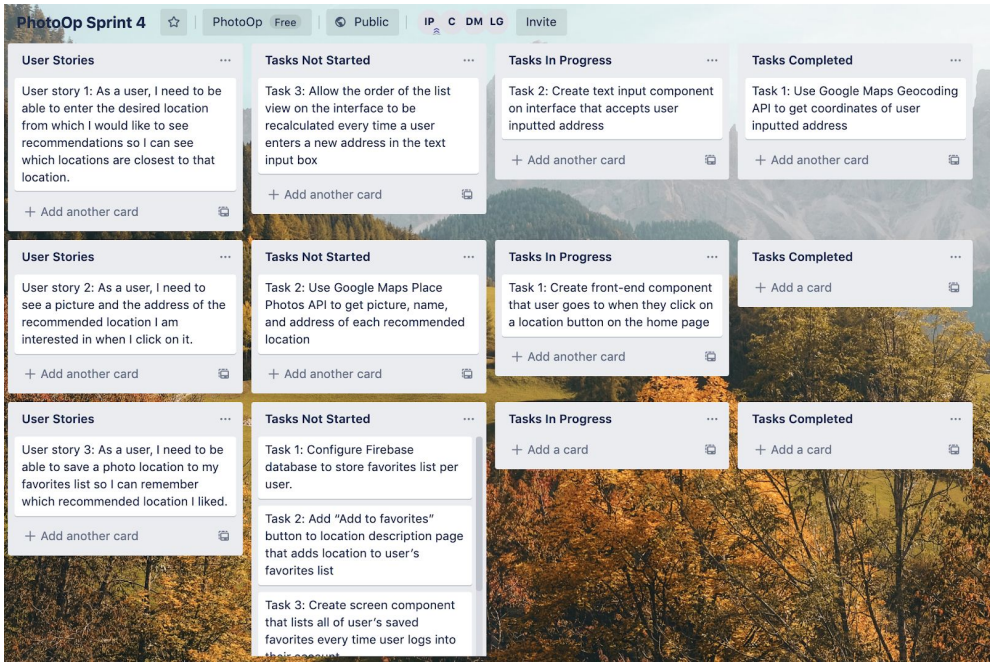
Initial task assignment:

- Iva: user story 1, task 1
- Chhavi: user story 1, task 2
- Leah: user story 2, task 1
- Disha: user story 2, task 2

Initial burnup chart:



Initial scrum board:



Scrum times:

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

- Fridays, 1:30-2pm