

**Goal:** Create an Android app capable of taking pictures from the user, storing metadata/geolocation, image cropping and saving to local storage. Consider UI with respect to wireframes created. Utilize a test pretrained ResNet model to ensure compatibility with PyTorch in preparation for Sprint 3.

### Task Listing

User story 1: "As a hiker, I want to be able to take a picture."

Task 1: Research for Camera APIs (complete by 7/8, est 1 hour, 2 pts)

Task 2: Create camera function that can take pictures and save it along with geotag location (complete by 7/9, est 4 hours, 10 pts)

Task 3: Allow user to view pictures taken through the app (complete by 7/9, est 4 hours, 5 pts)

User story 2: "As a explorer, I want to be able to remember where I spotted that flower"

Task 4: Add to picture viewing functionality a Google Map window to view geotag location. (complete by 7/10, est 4 hours, 10 pts)

User story 3: "As a curious individual, I want to be able to take a picture of something and find out what it is, so I can be more knowledgeable."

Task 5: Allow user to use photo taken to be evaluated by pretrained model (complete by 7/12, est 6 hours, 30pts)

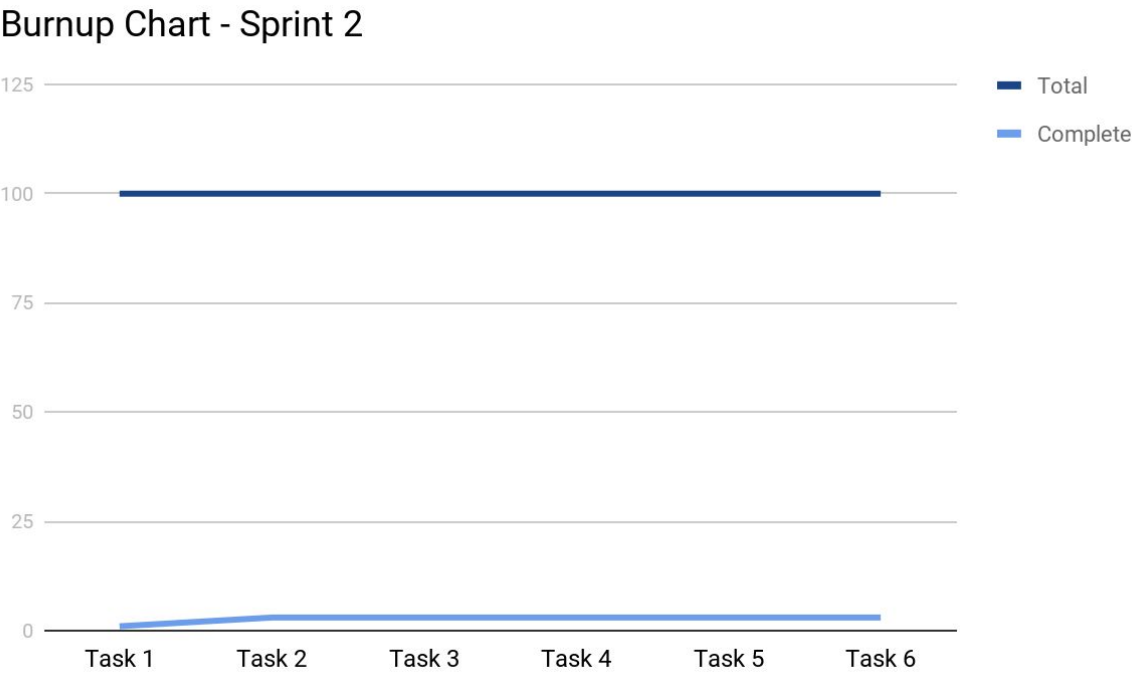
Task 6: Allow user to evaluate photo taken on the fly. (complete by 7/12, est 1 hour, 10 pts)

### Team Role:

Team Members	Role 1	Role 2
James Wang	Project Owner	Developer
Luke Stein	Scrum Master	Developer
Mingrui Chen	Developer	

William Ye	Developer	
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**Burnup chart:**



**Scrum Times:**

7/7	6pm-9pm
7/8	9pm-11pm
7/9	9pm-11pm
7/10	9pm-11pm
7/11	8pm-11pm
7/12	3pm-10pm
7/13	3pm-10pm
7/14	6pm-10pm