Sprint 2 Plan

Product Name: LiveColor
Team Name: Harmony
Release Name and Date: Release 2, 2019-11-03
Revision Number: 1.1

Goal
Set up the main feature of the app, the color picker. Set up how to obtain and display the color info in the different required manners.

User Story 1
As a general user, I want to be able to view the photo I've taken on the main color picking page to select colors from
- Task 1: Save taken photo to internal/external storage (3)
- Task 2: Display the photo properly within the fragment in a way that the color picker can access (4)
- Task 3: Add a button to the color picker fragment to allow the user to take a new photo (2)

User Story 2
As a general user, I want to be able to tap on the color I want to pick anywhere the image is on the screen, whether using the live camera or a static image.
- Task 1: Capture the location of a tap (1)
- Task 2: Access image as bitmap in order to retrieve pixel data (4)
- Task 3: Obtain pixel and then Color data to be displayed (for user story 3) (3)

User Story 3
As a digital artist, I want to see the RGB/HEX/HSV values of a color that I pick.
- Task 1: Compute the values for RGB, and HEX + HSV conversion (2)
- Task 2: Display this data on the Main Activity (3)

Team members
Paige Riola: Product Owner, Designer, Developer
Andrew Tran: Developer
Gabriella Lindsey: Developer
Melanie Wong: Developer
Dustin Seltz: Developer, Scrum Master

Task Assignments
Paige Riola: User Story 2, task 2
Andrew Tran: User Story 1, tasks 1 and 2

Gabriella Lindsey: User Story 3, tasks 1 and 2
Melanie Wong: User Story 1, task 2 and 3
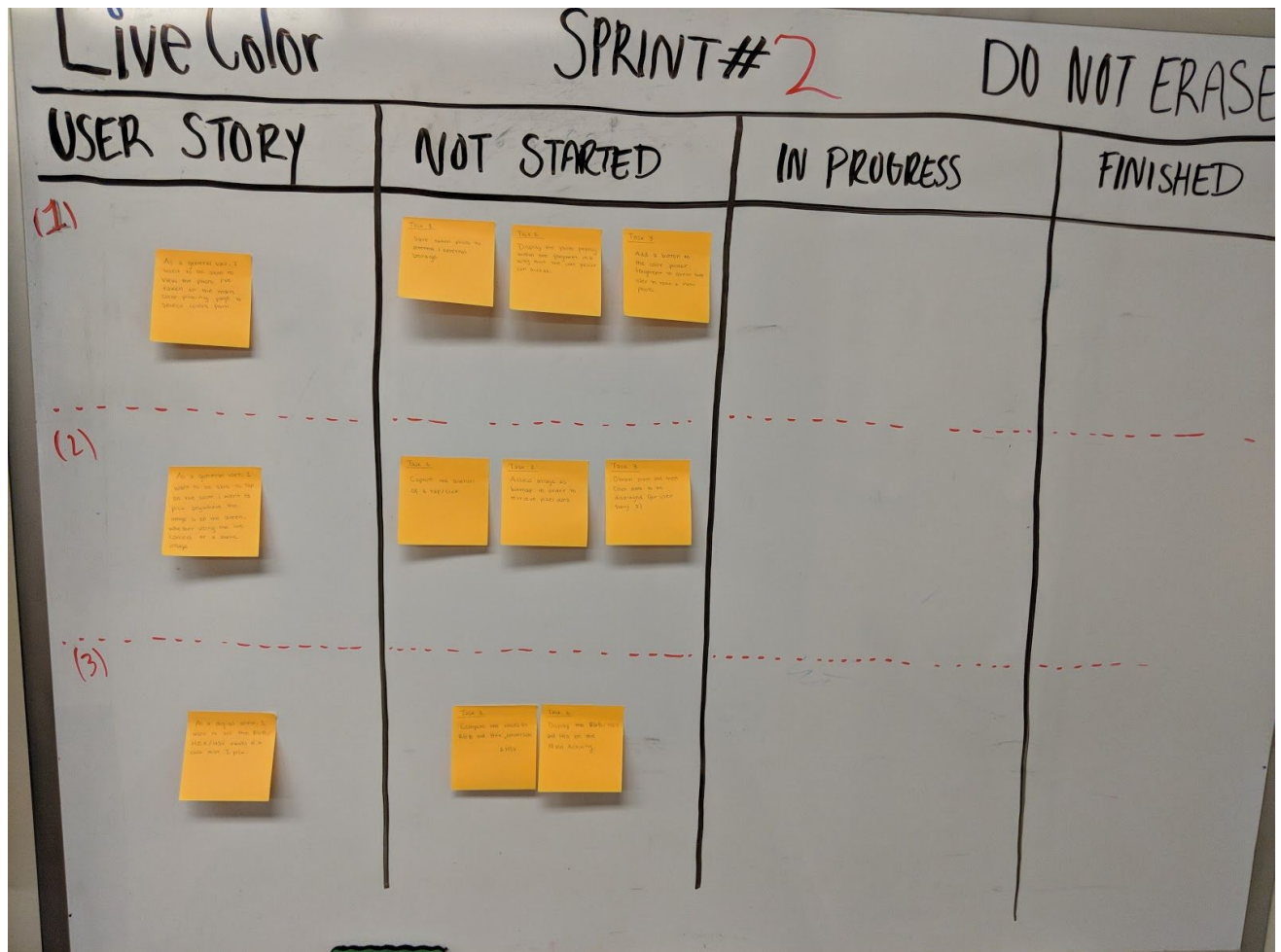Dustin Seltz: User Story 2, task 1 and 3

Scrum Times
Tuesdays: 2:00pm - 4:00pm
Wednesday: 10:30 am - 11:00 am (TA meeting)
Thursdays: 2:00pm - 4:00pm

Initial Scrum Board

Initial Burnup Chart

Sprint 2 Burn Up