

# Release Plan

**Product Name:** LiveColor

**Team Name:** Harmony

**Release Name and Date:** Release 1, 2019-12-04

**Revision Number:** 1.3

## High Level Goals

- Being able to “pick” the colors on the screen by tapping them, and getting details on the picked color such as Hex, RGB, and HSV values.
  - Being able to use the camera’s capture, or an uploaded picture to pick a color from.
- Being able to save colors in-app for later access.

## User Stories

### Sprint 1

- (3) *User Story 1*
  - As a general user, I want an application with a simple yet visually pleasing UI.
- (5) *User Story 2*
  - As a traditional artist, I want to be able to use my camera and gallery to observe colors of what I am drawing, and have easier reference of what colors I need.

### Sprint 2

- (7) *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
- (7) *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.
- (3) *User Story 3*
  - As a digital artist, I want to see the RGB/HEX/HSV values of a color that I pick.

### Sprint 3

- (6) *User Story 1*
  - As a long-term user, I want to be able to save colors for later usage in a library directly on the app.
- (6) *User Story 2*

- As an artist, I want to be able to view palettes for the colors I chose, for easy drawing reference.
- (5) *User Story 3*
  - As a frontend designer, I want the ability to export RGB, Hex, and HSV values from the app to more easily use these colors in my personal projects.
- (5) *User Story 4*
  - As a user of the app, I want to keep my chosen photo and recent picked color info on the color picker fragment when switching fragments.
- (5) *User Story 5*
  - As a user of the app, I want to know the name of the color I've selected

## Sprint 4

- (8) *User Story 1*
  - As an artist, I want to be able to create and save palettes for the colors I chose, for easy drawing reference.
- (6) *User Story 2*
  - As our teacher/TA, I want a complete and clear documentation of the project code so I can get a clear understanding of the project code and what was worked on.
- (9) *User Story 3*
  - As a user, I want to see the palettes that contain the selected color from the Color Info Activity.
- (7) *User Story 4*
  - As an artist, I want to be able to generate color harmonies from a color to see what other colors would look good with it.
- (5) *User Story 5*
  - As a user of the app, I want an aesthetically pleasing loading screen.

## Product Backlog

- (9) Automatic Palette Generation. Requires clustering algorithms. Time consuming to implement. Requires separate activities.
- (10) Sharing palettes inside the app. Requires cloud services, backend work, and implementations on the majority of the activities in the app.

## Product Presentations

- Initial:  
<https://drive.google.com/file/d/1Vakyu5TAtX0zhfIEtshXseTehHqzUqBr/view?usp=sharing>
- Final: