Colour Detection app - Project summary -

Kishore K

**Problem statement:**

Build an app that displays some colours on the screen and displays the corresponding text in a bounding box when a user clicks on any colour

**Project details:**

Language used:Python

GUI python Library:Kivy

Additional libraries used : OpenCV

**Steps to run the app:**

In Windows:Run app.bat

**About the app:**

The app displays a set of colours and when a user clicks on any colour,

a text with name of the colour appears in a bounding box at the location of the click

The app uses Kaggle’s Color recognition dataset to recognize colours and OpenCV library to display the text along with the bounding box.

<https://www.kaggle.com/datasets/pypiahmad/color-detection-dataset>

The app has an ‘About’ button that displays project information

This app is a prototype and the following are some improvements that can be made:

* Drag and drop feature for adding custom picture instead of colour wheel