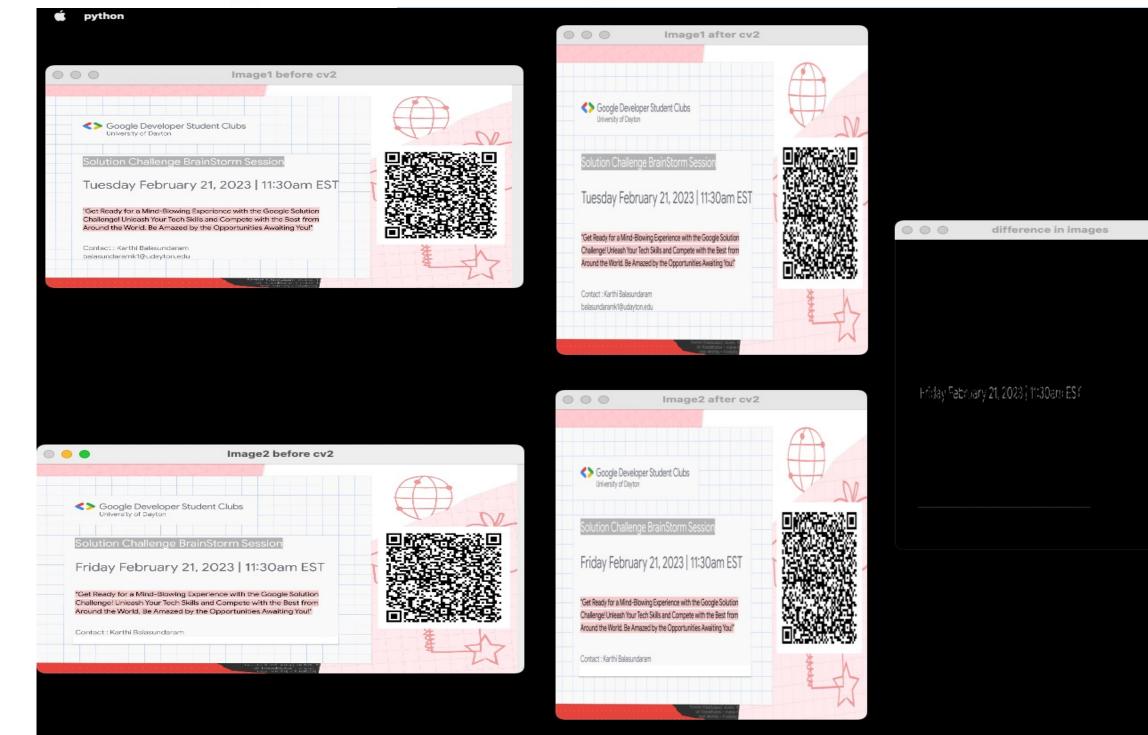


Objective

Compare two images and identify duplicates.

Computer Vision Technique to detect not-duplicate Images



Highlighting the Difference!



Duplicate Image Detection using Machine Learning Presenter : Karthi Balasundaram Advisors : Dr. Ahmed El Ouadrhiri and Dr. Phu H. Phung Sponsor : Synchrony Bank

Cannot Take Photo

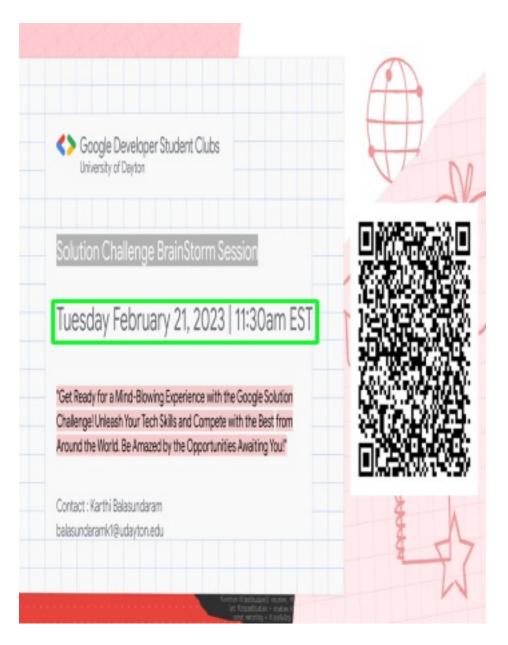
There is not enough available storage to take a photo. You can manage your storage in Settings.

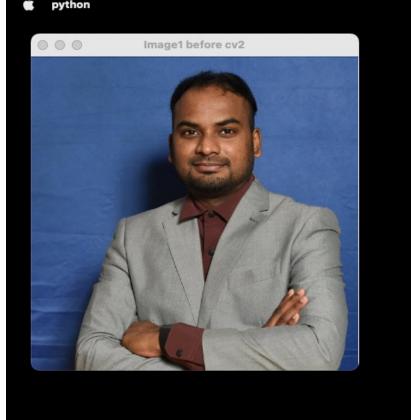
Done

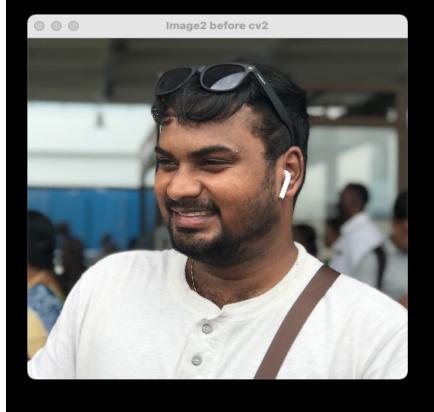
PROJECT OVERVIEW

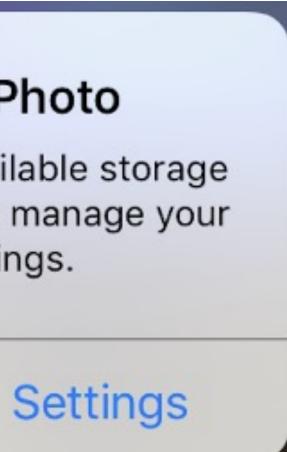
PROBLEM OR ISSUE	The goal is to compare two images and identify of with slight color variations, sizes, and formats to
PURPOSE OF PROJECT	Reducing the storage costs by identifying and real flagging and removing duplicates, and by automa duplicate images, the system can save users tim
BUSINESS CASE	Financial companies; Synchrony that have large benefit from using a duplicate image detection sy effectively.
GOALS / METRICS	The goal is to compare two images and identify of slight color variations, sizes, and formats to avoid ability to compare images based on visual similar
EXPECTED DELIVERABLES	A web application that takes two images as input duplicate or not.

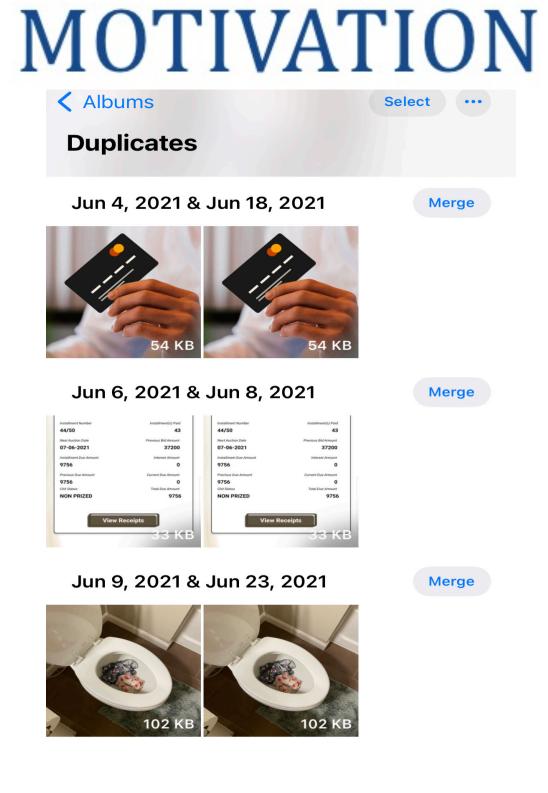












duplicates. The System should be able to flag images avoid duplicity.

emoving duplicate images, enhancing data quality by nating the process of identifying and managing me and effort.

e collections of images as part of their operations, could system to manage and organize their images more

duplicates. The System will be able to flag images with oid duplicity. This could include features such as the arity, image hashing, or image recognition techniques.

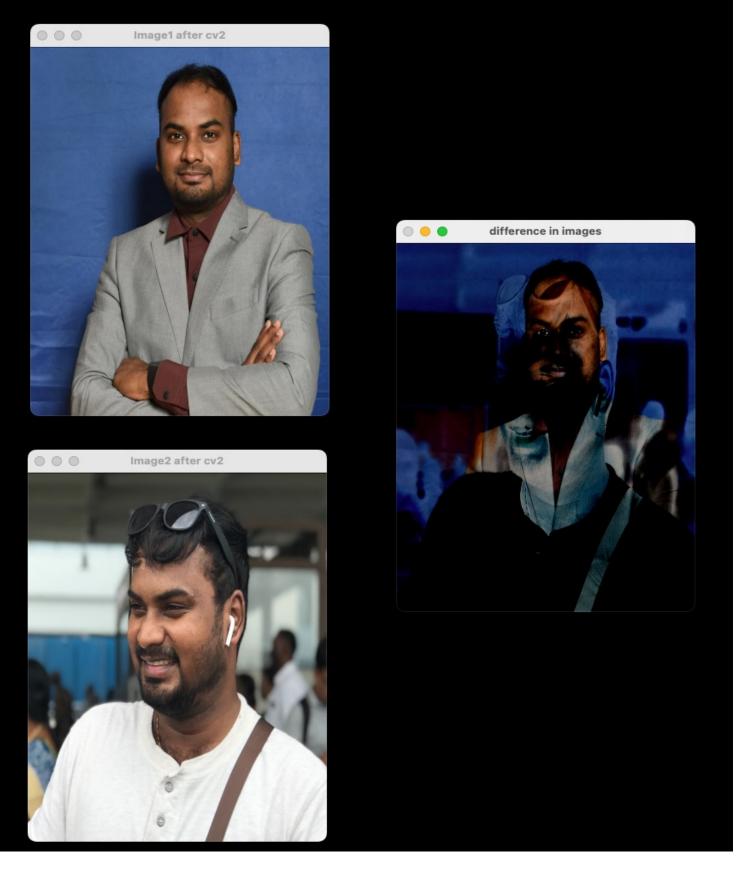
uts from the user, compares it and detects if it is



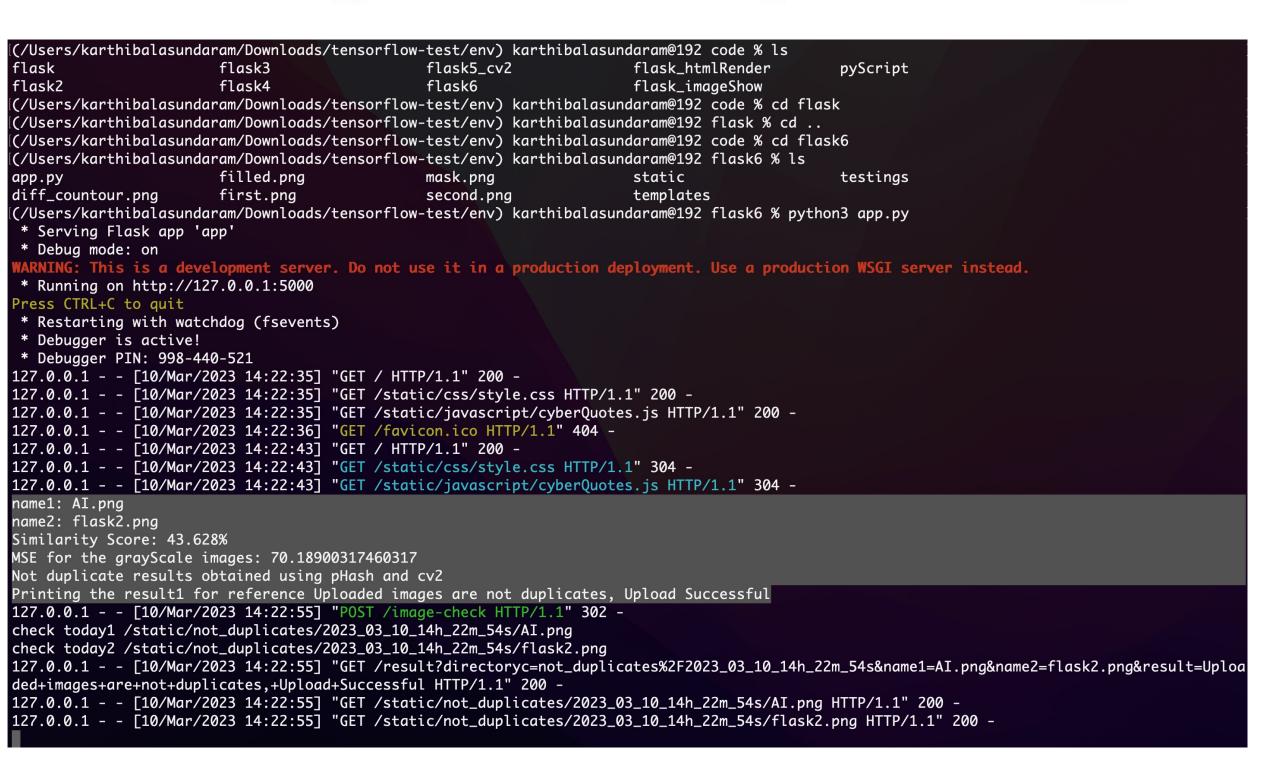








Similarity Scores & System Log





Perceptual Hash Logic

