

Project 1

Proposal Project Topic:-

A Facebook App w/ Photos, + Facebook Service, Google SaaS, Google PaaS w/Database

Team: Group 2

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Description: -

We were curious about what environment would go best with an existing photo, so we want to create an app that recommends an atmospheric picture based on user-uploaded photos or photos from Facebook. The submitted photo is saved in Google Cloud Storage, and we can then detect image properties using the Cloud Vision API.

Users can upload photos from their desktop or Facebook. The image will then be checked to see if it exists in the cloud database. If it is not present, it will send to the Google cloud. Google Cloud vision API will process the image and Detect Properties to get dominant colors.

Colors that have more than a certain percentage will be sent to Google Datastore. Datastore creates a key to identify each entity and another attribute that contains the dominant color data we get back from the Google Vision API. When the photo is uploaded, the result page displays the image with a suitable atmospheric image (depending on the dominant color).

