

Project 1 Proposal

Title of topic - A Facebook App w/ Photos , +Facebook Service, Google SaaS, Google PaaS w/Database

Team – Group 1

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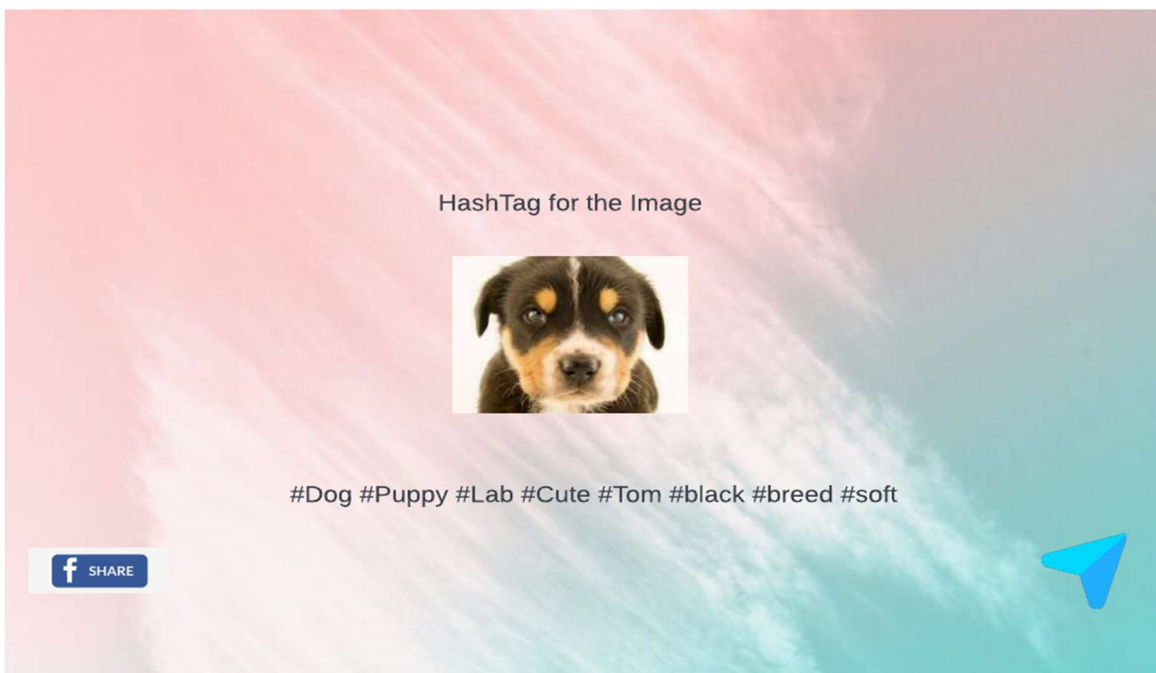
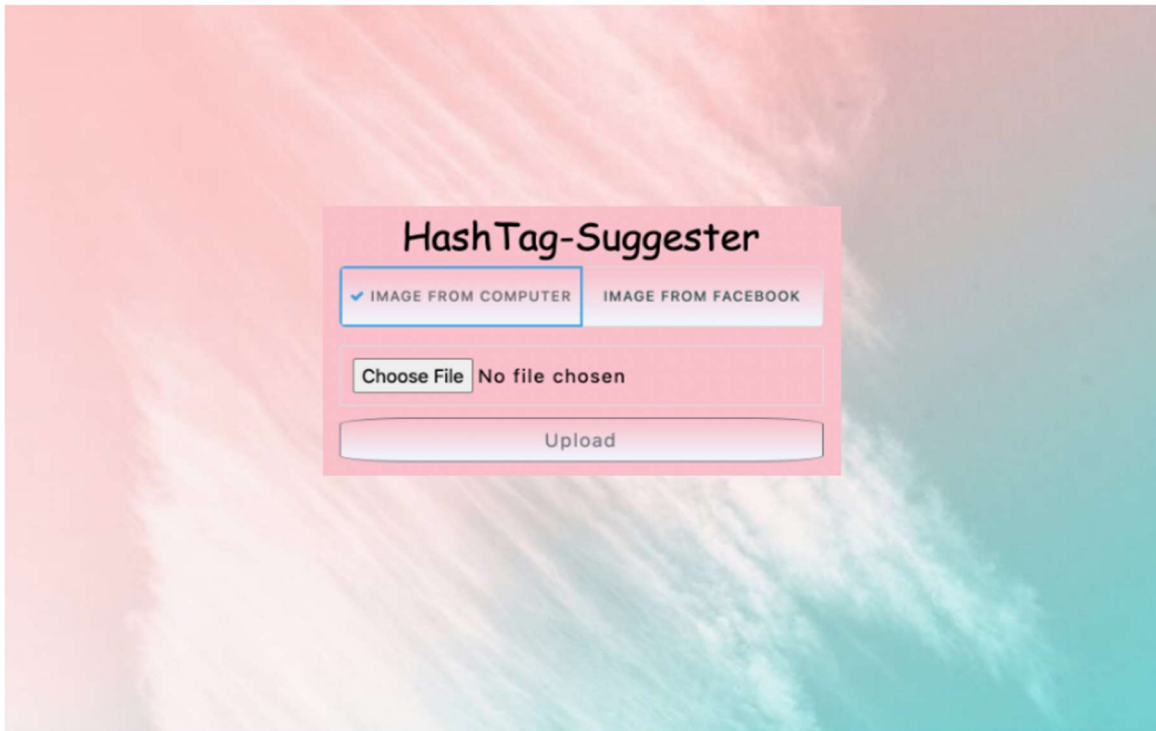
Description -

In this application user can upload photos, these are stored on Google Datastore and then by analyzing the labels generated by Cloud Vision API the application will suggest some keywords called hashtag which is very popular feature across social media platforms like Facebook.

In this application we are using Database as Google Datastore, for computer vision we are using Google SaaS Computer Vision API, and Image used are uploaded photos or photos from Facebook. The application work by the user can upload photos of their choice by clicking the button either from locally or to the Facebook, then it verifies the uploaded picture is stored in google datastore or not, If it's not present then it will send it to the Google Cloud Vision API and then this will process the Image which has been sent and it will generate the labels. After suggesting hashtags user can post that picture and hashes to Facebook, Twitter or Instagram, we are providing this exceptional feature.

After generating the labels which are above 75% for the processed images will be stored as a field of entry in the Datastore. Then these processed image stored as binary large object Image in entity along with the Image name, Labels. Then we can retrieve the images with the help of image name from Datastore to the application. Finally the output page displays the image with the suggested hashtags and another feature we are providing is user can also share with hashtags on social media platform such as Facebook, Instagram and Twitter.

UI Mock-Up Screen –



HashTag-Suggester

IMAGE FROM COMPUTER

✓ IMAGE FROM FACEBOOK

 Continue with Facebook

Welcome Akshith, here is your
FaceBook photos

Click on the image to suggest
HashTag



HashTag for the Image



#Cute #Puppies #four #many #look #sweet #chubby
#cutie #nice #lab

