

CS2310 Term Project Milestone1

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Project Title: Image Tagger using audio tags

Project Description:

Nowadays, so many social networks allowed to tag some people in your photos. However, all of these tags are text tags only. The goal of the current project is to associate some audio tags with some pictures. Notice that you can tag people, sentiments (e.g. happy, smile, etc), places (e.g. museums, countries, cities, etc). So, then you can search by voice among them. Notice that you can search with different number of words, the minimum should be one and the maximum will be the maximum number of tags in a picture. One example could be search for pictures with the spoken words "my name", " friend's name", "Pittsburgh" and "smile".

To achieve this goal, we are going to develop this system in android and we will use its [speech recognizer](#) module to do spoken word recognition. Also, we are going to model a database to do the search and save the audio tags. Finally, we hope that this will be a very interesting application and will help with pictures search in each user's cell phone.

Deliverables:

- What might be accomplished by MS2: Implementation of module of spoken word recognition and image audio tagging (1 tag per image)
- What might be accomplished by Project Demo: Search of different images using at least 2 spoken words.
- Plan B: Search of different images using at least 1 spoken word and each image will be tagged with only 1 audio tag