Image Persona

Introduction

We bring to you a web application that will ease your work of segregating photographs based on people present in them. You simply have to upload the folder of photos and the app will do the rest. It will identify all the people present in the photos, group photos containing same person and will let you share that bunch of photos. Images are stored on cloud and the user can access it whenever they want and download or share whichever photo/folder they want. It allows searching over all the photos regarding any specific thing, person, surrounding or activity. By this even after years you can easily find the photo you had in mind.

Simply, its an intelligent image tagger built in with cool features which has never been implemented before.

Potential Utility

- Grouping of photos based on people in the photos.
- Sharing photos will become hassle free. Out of thousand of photos you clicked with all relatives in it, you will be able to find yours easily.
- Search photos of your children or pets, or photos with some specific activity like picnic.
- Will help the user in selecting photos in which some particular people are present among all the photos.
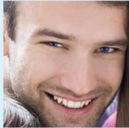
Road-map for using

- Upload photos on the web app and let it do the rest.
- For first few pictures the app asks to identify the faces, till it starts recognizing each face in the photo collection.

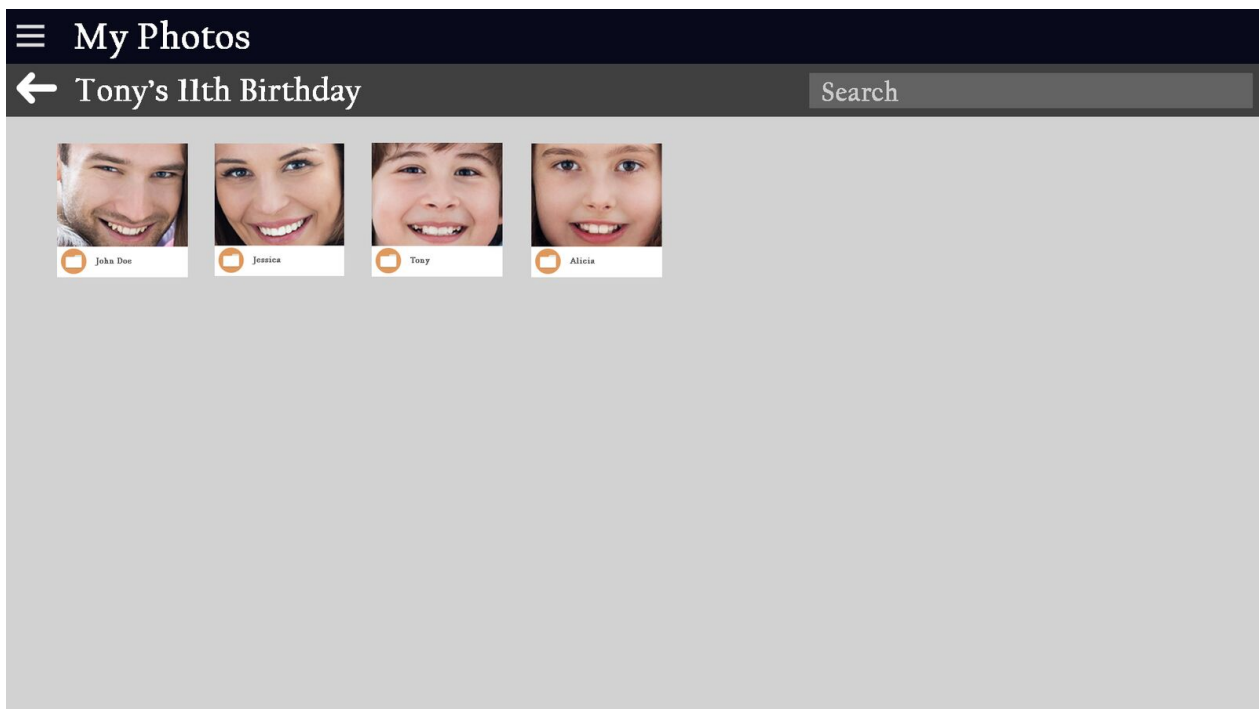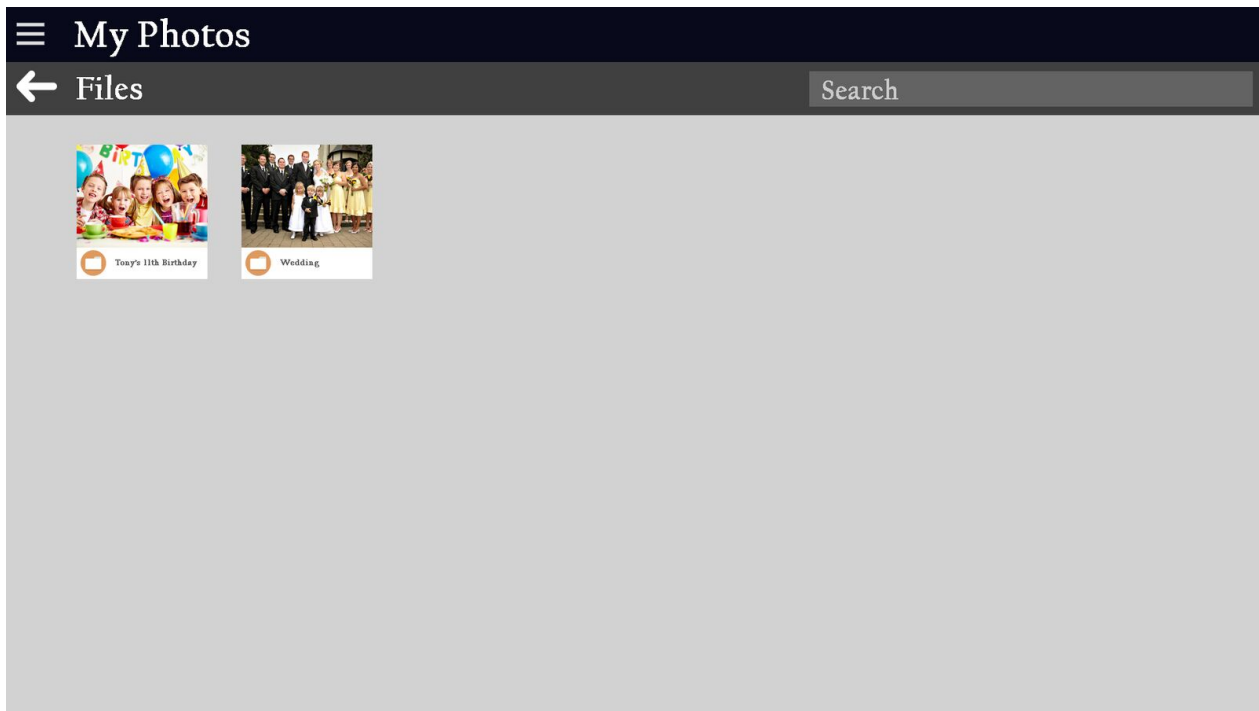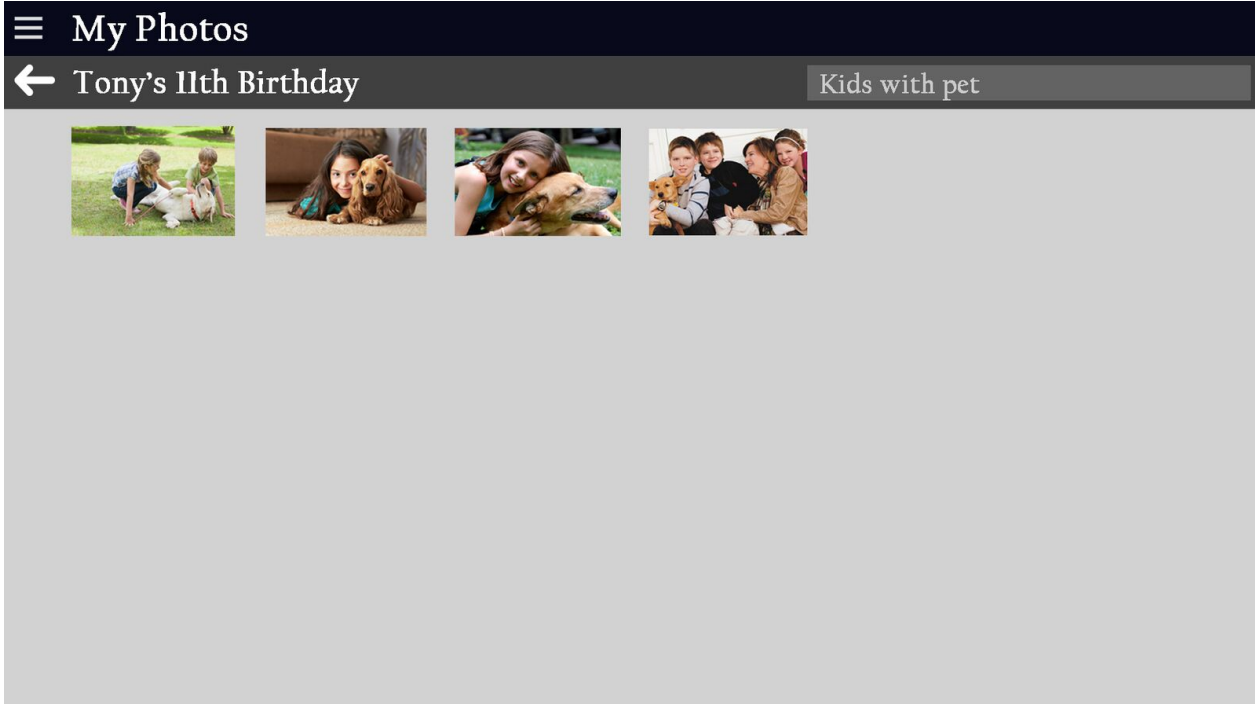- After the upload, all the photos are grouped according to people. Each folder contains photos in which he or she is present. It makes it easier for you to share the photos and look at the ones you are interested in.

- Its now possible to search from thousands of photos for what you are looking.
- For example, lets say I want to search my photo with my dog in it. And Voila,

Technologies we will be using

- **Digital Ocean** for deploying our website and the database.
- Cognitive Services API for face recognition and Computer Vision.
- Web App will be implemented in **Django**(Python Framework).
- For database management we will be using **PostgreSQL**.

Project Authors

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