

Marathon?

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Problem Statement 1

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Trip
Enhancement
For Passengers

Marathon?

Proposed Ideas

- Use media from past trips to make a movie

- Info about the place (history, etc)

- Rating wise sorted restaurant/misc

- Quick access shortcuts(like an emergency button, food, restroom etc)

- Take pictures of every possible direction and reconstruct it as a 3d model later

- In car games (can be relevant)

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<https://shotstack-api-stage-output.s3-ap-southeast-2.amazonaws.com/fpms561i0a/462997fd-29cb-45ee-ac21-f4655ce154fb.mp4>

The video link given above is a montage of photos taken in Singapore

Make a personalised video from photos taken

- Shotstack.io

Using the shotstack API to render a video using photos uploaded to an online hosting service

A python script is run which specifies the time of each clip

Videos and text can be added as well

- Python

Top Rated Services Nearby

- Implemented a feature where given an input zipcode, it returns 5 restaurants nearby in decreasing order of rating.
- Used a dataset of American restaurants with scores for each of them.
- Can be enhanced using any maps APIs.
- Can easily be expanded to other services like mechanical stores, charging stations, petrol bunks etc.

Mechanical stores

Restaurants

Gas/Charging stations

Input: Current zip code

```
Enter Zip-Code: 83943
Top rated restaurants nearby[in decreasing order]:
Salata
Whole Foods Market
Troy
7-Eleven Convenience Store #36265A
Bone Daddy's House of Smoke
```

Output: Restaurants nearby with decreasing rating

Images Taken By The Car's Camera



Goal: Stitch together several images into a seamless composite

360-Degree Panoramic View Using Image Stitching



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UI for the app: Built Using Flutter

Image Stitcher

UI to choose from different
pictures that are local

Video Player

Screen to play the video from
recent photos

Restaurant Finder

UI to enter zip code and obtain
nearby restaurants

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Dashboard with quick shortcuts

Emergency

Doctor

Mechanics

Help

Food

Petrol

sasta tesla

Games

Learn more

Personalized video

3D visualize

Nearest Restaurants

Emergency


Help

DEBUG

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Locating the best restaurants nearby

Takes input the zipcode and
outputs the restaurants

 Nearest restaurants

78745

Create Data

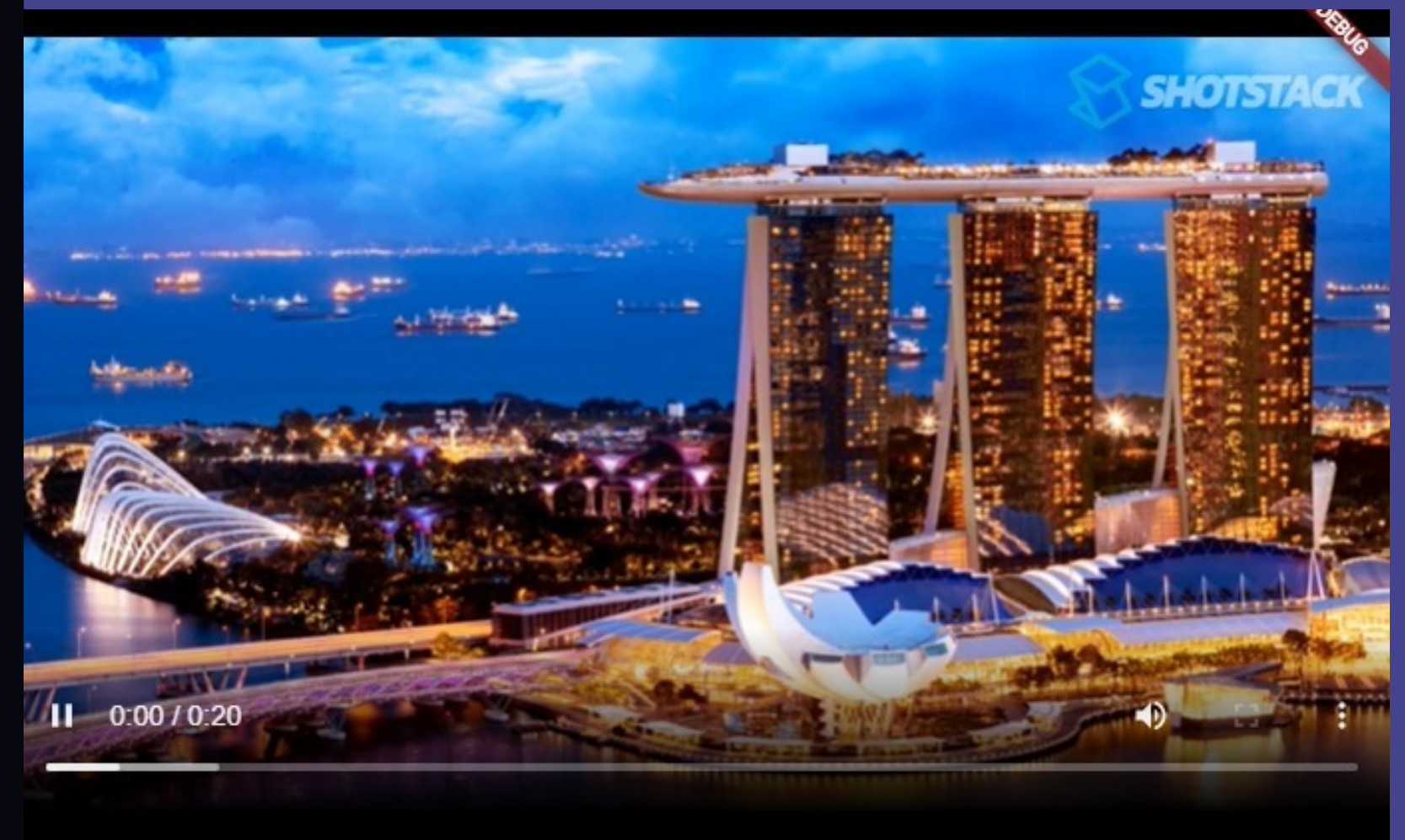
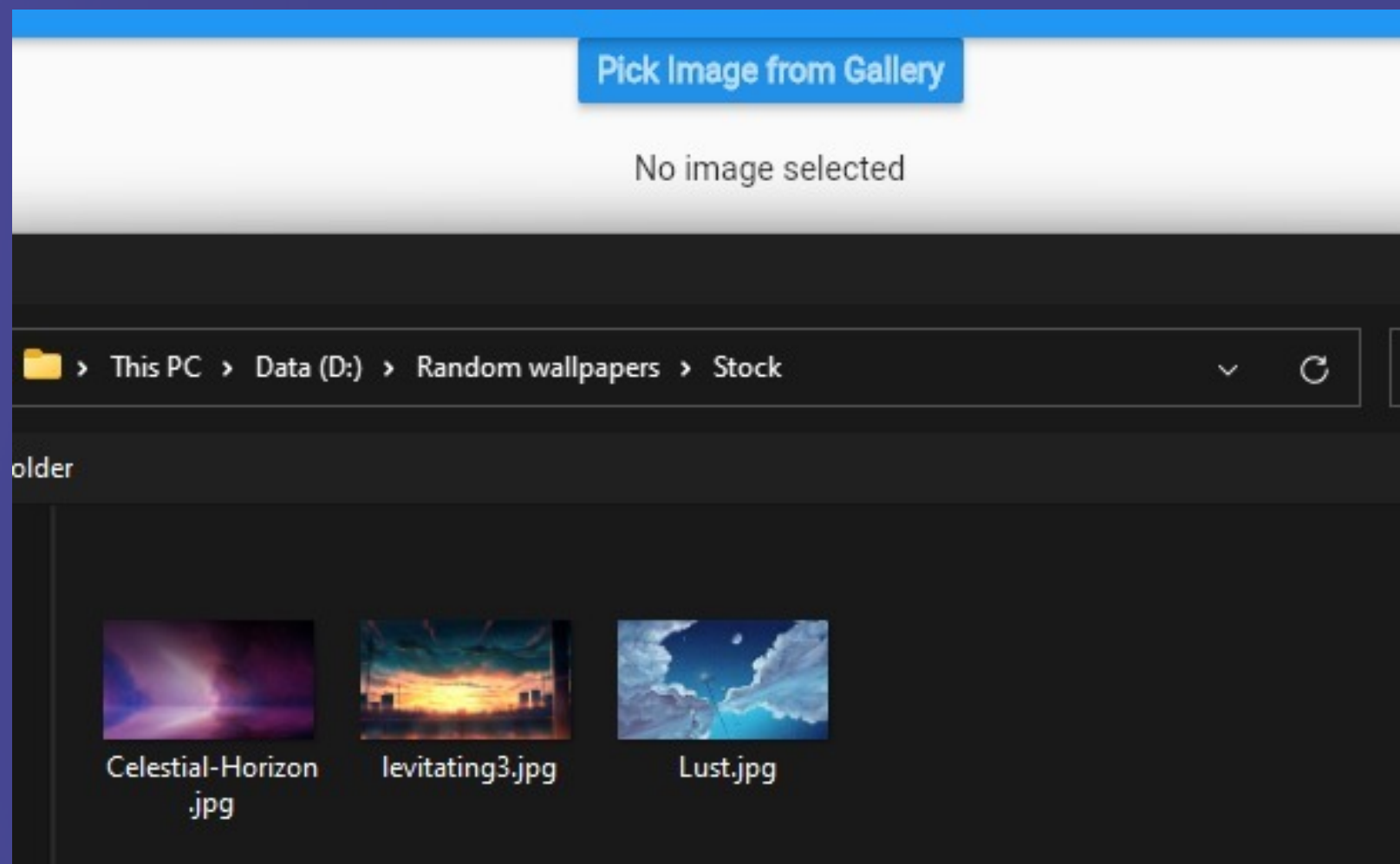
 Nearest restaurants

Top rated restaurants nearby[in decreasing order]:
Firefly Sushi
Veronica Hood
Mariposa Montessori School
McDonald's #6196
El Chilito Tacos y Cafe

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Generation of memories

Takes input different images from the local machine and outputs a personalized video



*Thank
you!*