Virtual Tourist Guide
Problem

Goa faces a high inflow of domestic and international tourists.

Lack of manpower to guide tourists.

Numerous and varied types of tourist spots like beaches, churches, forts.

Leads to ineffective communication and hence a poor travel experience.
Take a Picture!

Snap a picture of the landmark and start exploring its rich history.

Get nearby landmark suggestions and information about them.

Write a quick review using the photo to share your experience.
Plan on the Go!

Create an itinerary which fits your needs. From your home to your favourite beach.

Your itinerary takes care of all your needs including food and travel times.

Included budgeting options make it easy to tailor the itinerary to your needs and taste.
Explore Everything!

Search for places to relax, eat and explore. From the most popular restaurants to empty streets.

Look for itineraries accommodating your favourite destination.

Filter your search by categories: leisure, sport, nature and religious.
Tell your friends!

Share your adventures with your friends by publishing articles on your blog and writing reviews.

Increase your audience by tracking viewing statistics about your blog.

Upvote and reply to reviews and blogs by your friends.
State-of-the-art Neural Network for Image Recognition

- Deep convolutional network utilising transfer learning
- Cascading model – ResNet-50 + custom FCNN
- ResNet-50 – Convolutional layers with residual skip connections, max-pooling, normalisation layers
- Custom FCNN – Fully-connected neural network feeding into a softmax layer
- Skip connections allow the network to skip training some layers that are not useful to the task
- Benefits - fast training, inference and improves network performance
- Usage of proven ResNet-50 model results in high accuracy and reliability
- Trained and tested on a custom dataset of over 500 images
Thank You!