SMART TOURISM :-

Interact with the city

19.10.2019

Overview-

Even though we live in the world which is rapidly progressing we rely on tour guides to guide us through the city and tell us about the city.

WHY NOT USE OUR PHONE!!Just point it at a building,area and take a tour of that area all at your own speed and convenience

Goals

1. Create a virtual tour guide to roam your city using AR,Computer Vision

2. Suggest places to go based on the mood of the person e.g)to go to a dinner date with girlfriend, go to click photos, go kayaking

3. Provide feedback to the government about the state of the tourist sites by analysing the data collected throught the app

4. Sell videos of the places to companies to earn revenue

Specifications:

We aim to implement the app on Android OS

i)HYBRID COMPUTING-

We will combine edge computing and cloud computing to provide the results .

Some basic features will be implemented using edge computing e.gBasic Google Assistant , basic landmark detection,etc.

We will use cloud computing to to implement the higher end features

Thus it will be a combination of both edge computing and cloud computing depending on the hardware specifications of the phone .

ii)LIST OF API TO BE USED

Google Landmark Detection	To detect the landmarks
Google Ar Kit	To display text and make it interactive and fun fort the user
Watson Natural Language Understanding	To understand
Deep Voice	To make an voice assistant using a voice in the users natural language accent

Google's Cloud Vision API

Cloud Vision API allows developers to easily integrate vision detection features within applications.

Linderhof P
 (German: Schloss Linderhof) is a Schloss in Germany, in southwest Bavaria near Ettal Abbey. It is the smallest of the three palaces built by King Ludwig II of Bavaria and the only one which he lived to see completed.

Utilities: