**AN OVERVIEW OF PROJECT**

**This project is basically a local search engine. It is intended for cities that deal with many people visiting different location.**

**APPLICATION**

**1. In today’s world we want to go at good restaurant, good hotels, etc. In such a situation this project will recommend about places.**

**Example: We want to know best THAI restaurant of Kolkata, then using this project we will know most visited THAI restaurant and most probably that restaurant will best THAI restaurant.**

**2. We can use output of this project for business prospective. As we know where people visit for which purpose, then we can figure out where we can construct our malls, shop, etc.**

**Example: We are planning to construct a mall in Patna the using output of this project for locality Patna we see that there are already 5-6 malls in station area. So if we construct our mall in that area then it might not be profitable.**

**This project will retrieve locality from Wikipedia then we will get longitude and latitude from GEO coder then using FOURSQUARE API. We will get the list of top visited place and then we will filter the number of places to consider and radius of area. Then we will use a certain threshold as number of visits per place then we will recommend only about top 10 or 15 % of particular search filter. We can use Natural Language Processing to improve our search filter. In my project we are using Kolkata as our city for applying and verifying these ideas.**