ANDROID SMART CITY TRAVELER

***Priyanka Sharma -CSC/17/41***

***Sanjoli Jain-CSC/17/85***

PROBLEM STATEMENT

Android Smart City Traveler by the Name indicated smartly makes it way in analyzing user’s likes and dislikes and the time period the user is willing to explore a place and gives him with Amazing results in the form of 3 paths to utilize the time.

During the user Registration the user is asked some questions helping them to filter out in searching the places, the places are displayed on the maps giving a clear idea of the location and giving the paths from one place to another from the start location to the end location

**Existing system:**

* Most of the Existing systems are web sites and they do not provide navigation facility.
* Most of the existing systems are topic based and they provide only the specific details of only that information.

**Disadvantages of Existing system:**

* An Individual cannot access to the information from the mobile and it is not very flexible.
* To search about the city an individual have to move through various web sites to gather all the different information.

**Advantages:**

* The Data is very accurate and authentic as we take all the data from reputed organizations..
* The Student has to Login to use keeping the data secure.
* The user can also find the paths to follow to reach the final destination in map which gives a better view to the users.
* Since the location can be viewed in map, the user can even zoom in and zoom out to get a better view.
* The system gives 3 travel plans for the user to select.
* The usage of this application greatly reduces the time required to search for a place.
* The application also leads to quicker decision making with respect to places to visit.
* More flexible and can be accessed if the mobile has an internet.
* All in one information in a single application.

**Functionalities**

* navigation
* geo location
* all in one City guide.

**Applications:**

* This system can be used to by any Company or Institution related to tourism which may help their clients or agents to help the users in gaining an advantage over a Paper Based Map.

**Software Requirements:**

* Windows XP, Windows 7(ultimate, enterprise)
* Android Studio

**Hardware Components:**

* Processor – i3
* Hard Disk – 5 GB
* Memory – 1GB RAM
* Android Phone with kitkat and higher.
* **Registration:** The User has to register into the system with his basic details and answer few questions asked by the System.
* **Login**: The User has to Login into the System to make use of it.
* **Travel Plan:** The user is allowed to see his travel plan, i.e. the current travel plan. The plan may change after a day according to environmental changes.
* **Planning Your Day**: The user has to just put in his start time, end time and the start location and the rest the System does its work.
* **Feedback:** The user is allowed to give feedback.