**SOFTWARE ENGINEERING**

**(IT-314)**

**“TOUR GUIDE APPLICATION”**

FEASIBILITY REPORT OF REJECTED IDEA

**Team no: 14**

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**Version History**

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1. **Abstract**

The tour guide application is the one which helps tourists a lot. For any country tourism is one of the main source of income. The main problem faced by people visiting unknown locale is language and food problem. To overcome this problem we will facilitate our application in more frequently used languages like English,Hindi etc.

**2. Product Description**

The application is mainly useful for travellers. The app will provide all the information which are necessary for a traveller like the opening and closing time of places like museum, forts etc. The app will also provide the information of travel guides who know the local language and necessary local lodging informations. As a part of this we will also provide nearby information like places to visit and what are the nearby famous attractions that must not be missed when we visit a particular place.The app will also provide the historical information of a particular location based on the interests of the users etc.

Example: If you have gone to Hampi in Karnataka, every place you visit has some specialty but the travel guides will be available in some places only and they will tell only the speciality of that location. But in our application wherever the user goes, the app tracks based on your location settings and provide information of that place instantly.

**3. Technical Requirements**

The probable technical requirements for the development of the system are as follows:

Tools to be used for development:

1. Linux/Windows (Platform)
2. Android SDK and Android studio/eclipse.
3. Google maps services.
4. Java and Xml (Languages)
5. Web Scraping

**4. Product /Service Marketplace**

This application probably will have popularity among people of every age group who love travelling. Since we will include buses, flights and hotel information we can make business out of this. In religious country like India it would very very useful because there are lot pilgrimages and a lot of people visit these places on regular basis.

**5. Reasons for Rejection**

We decided not to proceed with this idea because of the following reasons-

**5.1 Operational Feasibility**

This application is operationally feasible because in this application there is nothing like impractical. It will be easy for people to accept this because a lot of people getting increasingly are interested in travelling.

**5.2 Technical Feasibility**

With the existing technologies we can successfully complete the application but it would take time to understand the technologies and learn them.We should constantly update the guides information and we should make sure whether they really known the information or not.

**5.3 Schedule Feasibility**

Since this travel application which reflects our country pride we should be very careful in gathering the information and updating the information.It would not be possible for us verify all the tour guides information without knowing the particular location.

**5.4 Economic Feasibility**

|  |  |
| --- | --- |
| **Type** | **Potential Costs** |
| Hardware | No need of integration of any kind of hardware device apart from the development machines. Not required to invest on any types of external hardware. The cloud servers needed will be provided by the client |
| Software | The cloud servers will be provided by the client and the technologies used will be open source. |
| Training | It would take a lot time to study a particular location speciality if it is not available online. |

**5.5 Legal Feasibility**

Since we are not involving any payment gateways there will be no legal issues. As we are just providing the information regarding places and hotels etc. there will be no legal issues.

**6. Feasibility Study Result**

|  |  |  |
| --- | --- | --- |
| **Feasibility Facet** | **Feasible? (Yes/No)** | **Level (High/Medium/Low)** |
| Operational Feasibility | Yes | High |
| Technical Feasibility | No | Low |
| Schedule Feasibility | No | Low |
| Economic Feasibility | Yes | High |
| Legal Feasibility | Yes | High |