Experiment No. 01

Aim: To perform requirement analysis of Tourism Management System.

Problem statement:

TOURISM MANAGEMENT SYSTEM

Tourism Management System consists of the all the information right from booking the tour followed by the stay and visiting the sights. The system comprises of various factors such as mess, transportation, payment, etc. The user gets to check the availability of tours and can book tickets to the desired place he/she intends to visit. Tour manager will not only manage transactions but also the events and a schedule for the customers to follow. A tour guide having complete knowledge of the area, will be arranged during the whole tour. The respective hotels will be booked based on the customer's budget of the tour.

Requirements of Tourism management system are as follows:

1. **Website**: A website from which user can get the information about site and do transactions.
2. **Android app:** The website cannot be present on physical device, thus an android app with all the features should be made for user to access.
3. **Physical device**: Since the whole system is online, the user must have a physical device such as mobile phone or computer to do the proceedings.
4. **Payment**: Once the tour is decided, payment gateway should be done by tourist.
5. **Chatbot**: Few queries of the user can be solved with the help of a smart AI assistant present in the app.
6. **Guide**: To get the information about different sights, a guide should be assigned with batch of few tourists. Also one tourist will be assigned throughout the whole tour with tourists.
7. **Manager**: A manager is required to handle the whole process of tour.

The features of this system are as follows:

1. **Management**: The tour is managed efficiently by arranging a powerful tourist centric schedule in all aspects.
2. **Checking availability of tours**: The tours are visible online where the customers can choose a suitable package for themselves.
3. **Sites to visit:** The manager finds the best places to visit in a particular region.
4. **Stay**: Cheap and Worthy accommodations are decided according to the budget of the tourists.
5. **Transportation**: Transportation facility is included in the fees. The tourists will have the vehicle up and running whenever needed.
6. **Payment**: Payment can be done in installments. This is managed by the accountant. A rational amount is to be given in advance.

7. **Mess**: The food will be included in accommodation or stay. While travelling long distances, reliable and decent hotels are selected for the tourists to rest and have meals.

Conclusion: Thus we have successfully studied requirement analysis for Tourism management system.