**SOFTWARE REQUIREMENT SPECIFICATION DOCUMENT**

**INDUSTRIAL VISIT PLANNER**

**Aim:**

To design a Industrial visit planner.

**Problem Analysis and Project Plan:**

* Availabilities of Company to the specific place that the college visits.
* Budget problem varies according to the places visiting.
* Payment for companies to visit.
* Transport facilities within the budget and availabilities.
* Food and Accomodation facilities near the place of visit.

**Project Plan:**

* To develop a webpage that makes user to book for industrial visit with specific amount and package.
* To act as a mediator between companies and colleges to arrange for an industrial visit.
* It includes filters like places,companies available at specific date and according to departments,tourist spots nearby companies.
* It includes transport,food and accomodation facilities.

**Problem Statement:**

* Admin access the modules such as adding subjects, places, package details.
* System allows admin to view all the booking details as well as the user details.
* User need to register in order to login and access the inner modules.
* User may login and view various industrial tour and travel destinations with the package details and pricing for each person.
* If user wants to take multiple people on tour, then he/she needs to specify the no. of people for the tour.
* Based on no. of people, the system will automatically calculate the cost which is payable by the user using online mode.
* Each one’s amenities type is shown in the system with image and respective costing.

**Introduction:**

**“Industry Visit Planner”**is a specific web based reservation system designed to make it easier for people or college to book industrial tour packages online.

**Purpose and Scope:**

* This web application has made it possible to book a trip online and to compare prices so that user can be sure that they are getting a good deal.
* It is easy to use, robust, secured Website
* Ease to maintain both System as well as Database.
* Many selection and filter tools allows customer to comparison shop.
* This System has integration of the most popular payment gateways, as well as can process credit card payments.

**User Characteristics:**

* **Admin**
  + **Login:** Admin need to login first in order to manage the system.
  + **Add Subject:** Can add subjects such as IT, Botany, Art, Hotel Management, etc., which is educational, related.
  + **Add Place:** Admin can add all the industrial related places such as Infosys, L&T, Wipro, etc.
  + **Add / View Package Details:** Admin defines a package detail for each person for industry visit. Also can view all the added package details.
  + **View Booking Details:** System allows admin to view booking details with the name of the bookie and its details.
  + **View User Details:** All the registered users will be displayed here with their details.
* **User:**
  + **Registration / Login:** New user needs to register first to access the system by filling up the basic registration details.
  + **View Places:** User can see the list of added places with its details. User can search industry according to subjects or places.
  + **View Packages:** Can view all the packages, which are added by the admin with their details.
  + **Select a Package:** Here, the user selects desired packages as per entered destination location.
  + **Payment:** Once the user selects the package, he/she can proceed with payment.
  + **Email Notification:** Once the payment is successful, user will receive a notification via email.

**Use Case Diagram:**

**Class Diagram:**

**Sequence Diagram:**

**Collabration Diagram:**

**State Chart Diagram:**

**Activity Diagram:**

**Deployment Diagram:**