**Project Group No.** 🡪 **20**

**Project Title** 🡪 **Restaurant Table Booking System**

**Github** 🡪[**https://github.com/Poojaraijade/CDAC\_IET\_Project**](https://github.com/Poojaraijade/CDAC_IET_Project)

* **Scope:**

We are proposing this above titled web application that will help customers to save time and make it a more memorable experience. Online reservation platforms primarily provide a platform that allows people to make online table reservations at their favourite restaurants in a seamless & hassle-free manner. Diners can choose a restaurant based on location, day, timing, cuisine and number of guests. Apart from this core feature, the web application also maintain restaurant listing with ratings, reviews , ambience and menus to help out diners in deciding the right dining outing as per their specific taste. The owners can also add their restaurant on the web application .Putting restaurant online will increase profit and helps to create an unforgettable brand for owner's restaurant.

* **Summary:**

“Name Project “provides diner a platform that allows to make online table reservations at their favourite restaurants and can further check out the menu of their choice from a restaurant. The customer can check availability of seats at a particular timing and book a table if available. The customer is also given with the facility to view the booking details and can cancel the booking if required. The website accepts the nominal charges as a token amount for the confirmation of the booking and the amount will be adjusted from the final bill. In addition to this “Name Project “also provide an online platform to add the restaurant. Restaurant can Manage the booking request according to availability. For every Restaurant there is compulsion to provide minimum 40% of table reservation for Website. The Restaurant can also add, update and delete the listed food items whenever required. The “Name Project “will returned back the restaurant’s amount to them with 5% service charges deduction on monthly basis.

* **Module/Features:**

**1. Authentication:**

“Name Project “provided with the log-in and sign-in. Normal visitor can explore the application without any registration. If already a customer then valid credentials is must to login. The same instructions and procedure will be followed for restaurant also. Hence with this, a proper management can be possible and provisions provided to ensure that the right users have the appropriate access to application resources.

**2. Book a Table:**

Once the customers log in with valid credentials, they can go through various restaurants available in restaurant catalogue. Diner can filter out restaurants through various quick filters. After choosing restaurant they can do reservation process that will be depending upon the following factors: Day, Time slots, No of guest, Availability. The customer can place any pre-order via “project name”, though the feature is optional for customer. The customer can go thought variable foods items listed by particular restaurant and can choose items likewise.

**3. Add Restaurants:**

The interested owners can add their restaurant to “project name”, this will provide them a web platform to grow. In this modules the restaurant have to provide all details at the given portal and once their request is approved by the application management team, their request will be reflected to application. The restaurant can maintain the food items list and can make the required changes if wants to.

**4. Home Page:**

There is option of quick search box to search the restaurant, the customer wants to visit. Few restaurants can be displayed at the home pages will be depending upon the factors like top rated restaurant, restaurants on demand, best cuisines.

5. Payments:

**Unwanted:**

**6. Payment Processing:**

On the booking of tables there will be cost for each table according to number of guest and total payable amount will be calculated accordingly. Also in the pre-ordering stages, on the selection of every food item and its quantity the respective item cost will be added in the payable amount. Once the customer is done with table booking and pre-ordering, he/she will be eligible for final or advance payment. There is a compulsion on payment of table booking via websites payment portal however the 50% advance payment of pre-ordered food is expected from customers so as to confirm his/her pre-order. Diner can also pay the complete payable amount via website to avail different offers and discounts.