

**Aim:** To create Use-Case diagram to depict the user's view of the system.

**Theory:**

# Food Safety Portal

To provide an application which allows residents and visitors of a city to find out more about food related aspects about the city. Aspects include information about restaurants and market certifications and what to look for local diets and/or delicacies, or even a restaurant guide.

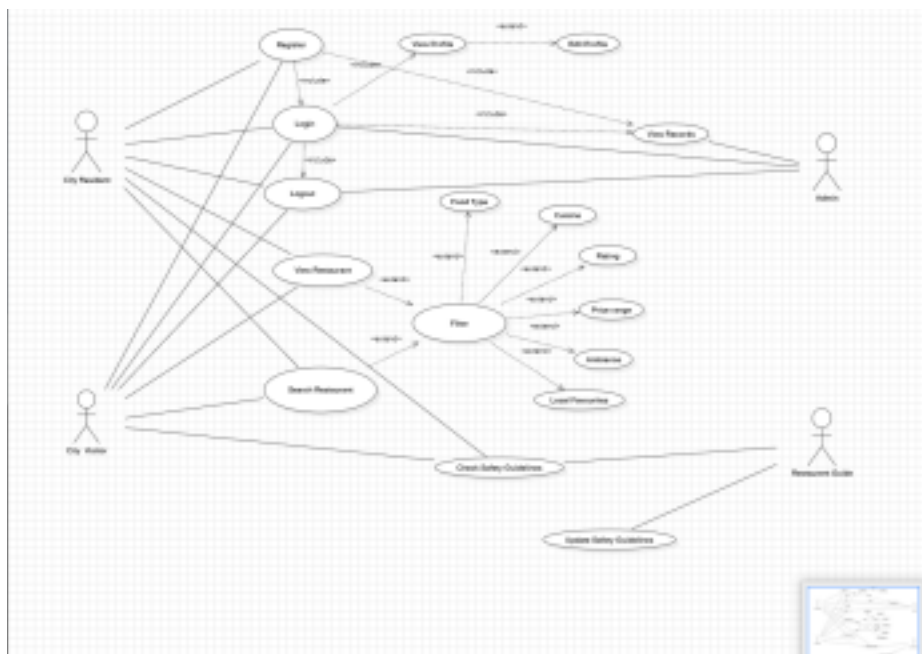
### Users of the System:

1. City residents
2. Visitors
3. City employees

### Three Important Scenarios are:

1. Search Restaurant
2. Book and Make Payment
3. User Management

### Use Case Diagram1: Search Restaurant:



### **1. User Access:**

- Residents or visitors can effortlessly register or log in, ensuring a seamless entry into the platform.
- Admin and restaurant guides have dedicated login access, allowing them to fulfill their specific roles within the system.

### **2. Access and Exploration:**

- Admin meticulously manages and stores user data, maintaining an organized and structured database for efficient record-keeping.
- Users log in to access the portal, initiating their exploration of restaurants with a primary focus on safety guidelines.
- The login credentials grant access to a personalized experience based on the user type.

### **3. Search Options:**

- Users are presented with versatile search options, allowing them to choose between direct restaurant access or applying filters for a refined and customized search experience.
- Admin and restaurant guides utilize their login credentials to access specific functionalities tailored to their roles within the portal.

### **4. Filtering Attributes:**

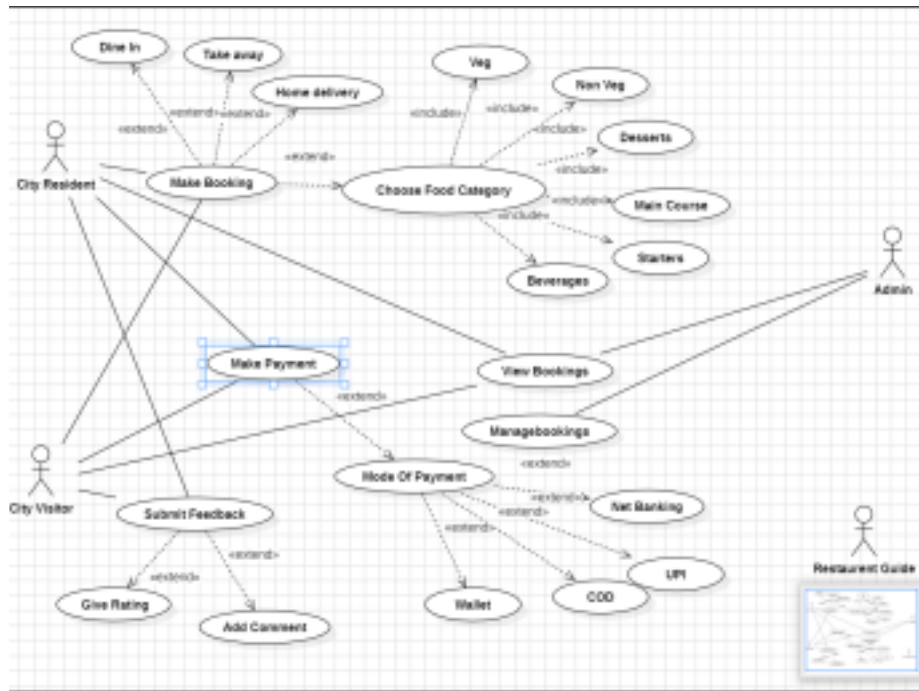
- Users can enhance their search experience by applying filters based on attributes like food category, hygiene standards, feedback, and ratings.
- The inclusion of filtering attributes ensures a tailored and user-centric approach to restaurant discovery.

### **5. Profile Interaction:**

- Residents, visitors, admin, and restaurant guides actively engage with their profiles, participating in activities such as providing feedback, modifying account details, and accessing additional features available in the user profile section.
- The profile interaction serves as a central hub for personalized user experiences

and administrative tasks.

## Use Case Diagram2: Book and Make Payment:



This diagram illustrates the post-restaurant selection flow, providing a fundamental overview of how users can make online bookings, choose delivery options, and proceed with payments.

### 1. Food Selection:

- Following the restaurant selection, users can explore various food categories, including SugarFree, Veg, Non-veg, Cuisine, Beverages, Desserts, and Sweets, tailoring their choices based on preferences.

### 2. Payment Options:

- Following the confirmation of their food selection, users then opt for a convenient payment method among the available choices, including Cash On Delivery, UPI, Cards, and Wallet.

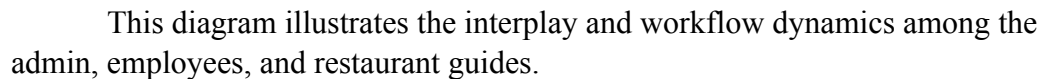
### 3. Delivery Options:

Users have flexibility in selecting delivery options:

- Dine in
- Take away
- Home Delivery

### 4. Feedback Process:

- ### Use Case Diagram3: User Management:



- #### 4. Responsibilities of Restaurant Guides:

- Manage the opening and closing activities of the restaurant.
- Calculate commission for services rendered.
- Efficiently handle booking management.
- Keep track of customer data.

All tasks performed by employees and restaurant guides are systematically recorded and stored in comprehensive reports for future reference and analysis.

**Result:** Use-case diagram has been designed and studied.