

## **Practical No. 3**

**Name : Dhanshree Dharpure**

**Roll No. :03**

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

### **ACTIVITY DIAGRAM FOR FOOD SAFETY PORTAL:**

## **Theory:**

### **Login and Registration Phase:**

#### **User Registration:**

- Start: New users visit the website.
- Action: Users fill out the registration form with personal details, username, and password.
- Verification: The system verifies user details, ensuring validity of email and phone number.
- Confirmation: Users confirm registration via a link sent to their email.
- End: Successful registration on the food safety portal system.

#### **User Profile Management:**

- Start: Users log into the website.
- View Profile: Users can view personal details, username, and password.
- Edit Profile: Users can edit and update their profile information.
- Save Changes: Users save changes made to their profile.
- End: Successful management of user profile.

#### **Manage Booking:**

- Start: Users log into the website.
- View Bookings: Users can see details of their bookings.
- Cancel Booking: Users can cancel a booking if needed.
- End: Successful management of bookings.

## **Search and Exploration Phase:**

### **Search Restaurants:**

- Start: Users log into the website.
- Enter Search Criteria: Users input location, cuisine, or price range.
- Search Restaurants: The system searches based on user criteria.
- Display Results: Users see restaurant names, images, and ratings.
- End: User finds the desired restaurant.

### **Restaurant Guide Activities:**

- Start: Restaurant guides log into the website.
- Manage Open/Close Activities: Guides handle restaurant operating hours.
- Calculate Commission: Guides calculate commission for each booking.
- Generate Reports: Guides generate reports for analysis.
- View and Manage Bookings: Guides oversee and manage restaurant bookings.
- End: Guide logs out of the website.

## **Online Booking and Feedback Phase:**

### **Online Booking:**

- Start: Users select a restaurant from search results.
- Select Table: Users choose table size and time.
- Enter Booking Details: Users input personal details.
- Confirm Booking: Users confirm via email link.
- End: Successful table booking.

### **Feedback:**

- Start: Users visit a restaurant's page.
- Enter Feedback: Users provide ratings and comments.
- Submit Feedback: Users submit feedback.
- End: Successful submission of feedback.

## **Admin and Employee Control Phase:**

### Admin Activities:

- Start: Admin logs into the website.
- Add or Delete User: Admin manages user details.
- Approval or Give Permissions: Admin approves or grants permissions to guides and employees.
- Take Necessary Actions: Admin acts based on generated reports.
- End: Admin logs out of the website

### City Employee Activities:

- Start: City employee logs into the website.
- Update Website: City employee makes necessary updates to the website content after receiving permission from the admin.
- View Records: City employee accesses and reviews records as needed, following approval from the admin.
- End: City employee logs out of the website.

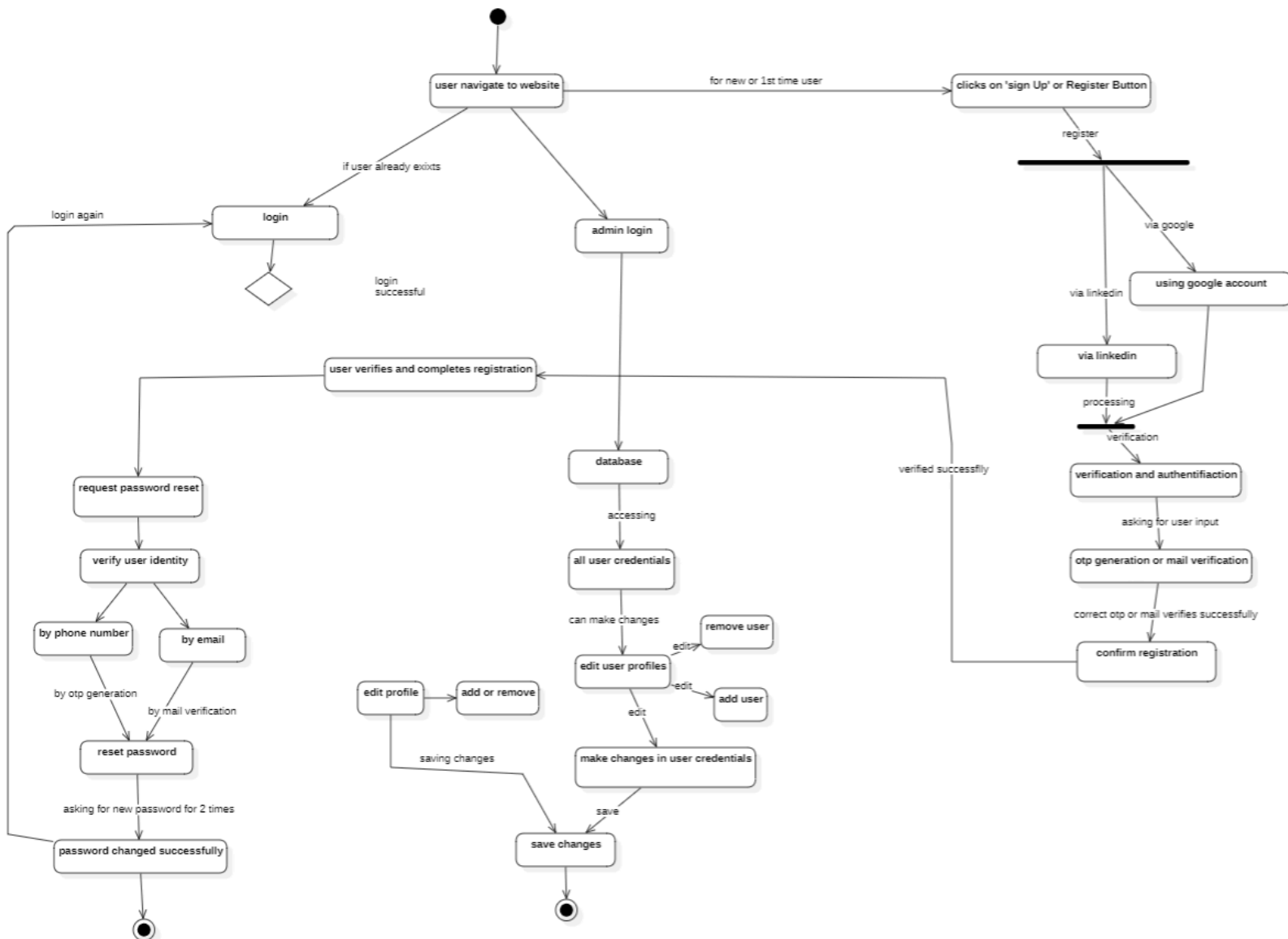
### Restaurant Guide Activities:

- Start: Restaurant guide logs into the website.
- Review Reports: Restaurant guide examines generated reports related to bookings, reviews, or other relevant metrics.
- Calculate Commission: Restaurant guide calculates commission based on the generated reports and business performance.
- View and Manage Bookings: Restaurant guide accesses and manages booking information after obtaining permission from the admin.
- End: Restaurant guide logs out of the website.

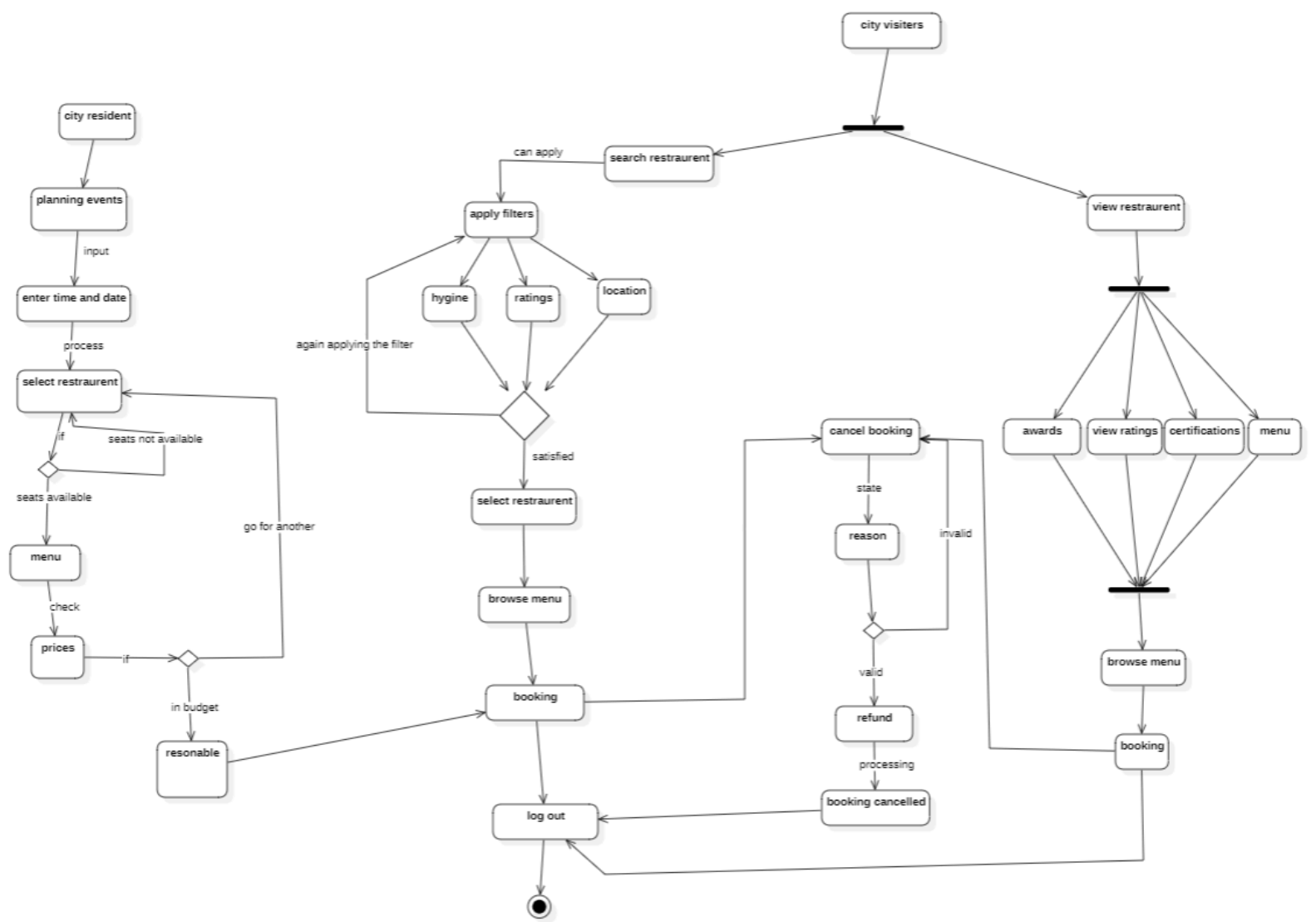
**Result: Activity diagram has been designed and studied.**

Screenshots are attached below

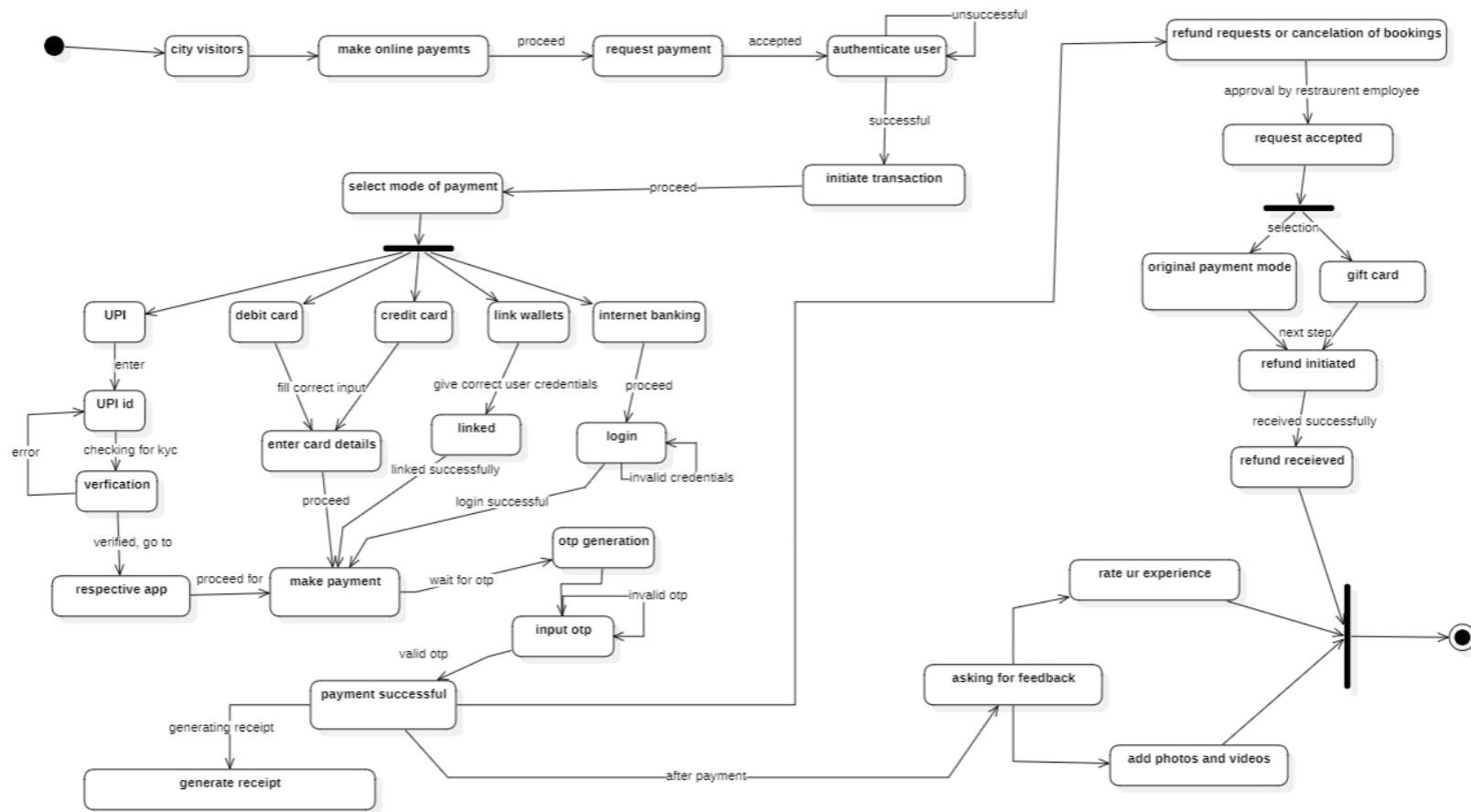
## Phase 1 : Login and Registration Phase



Phase 2 : Search and Exploration Phase



### Phase 3: Online Booking and Feedback Phase



## Phase 4: Admin and Employee Control Phase

