

## **Software Specific Requirements:**

### **R1: Login**

**Description:** Once the user enters the URL a page is displayed containing various options including login. Login option is used for elite customers who book the hotel many times in one year.

#### **R1.1: Enter user credentials**

**State:** The main page is opened having login option.

**Input:** 'User Id' and 'Password'.

**Output:** All the preferences of the user regarding hotel booking.

**Processing:** The user credentials are compared with the one in the database and result is passed on as a message.

### **R2: Register (Add a new account)**

**Description:** Once the page is displayed, the user also gets the option to register and make an account if he/she is going to use this application several times. Upon clicking on the 'Register' option the user will be directed to the register new account page where he can enter the details like User Name, Password, Full name, Address, E-mail Id, Contact no., Gender, Age etc. where user name, password and full name are mandatory field. After entering the details one should click on the register button to make a new entry in the database and thereby a

new account is created. Now the user will be redirected to the login page from where he can log-in into the application.

### **R2.1: Click on the “Register” option**

**State:** The main page of the site is displayed in the browser.

**Input:** “Register” option clicked.

**Output:** The ‘create a new member account’ form is displayed in the page.

### **R2.2: Click on the "Create Account" button**

**State:** The ‘create a new member account’ is displayed and the user has filled up the registration form.

**Input:** The user information such as User name, password, security question and security answers etc.

**Output:** A prompt message that a new user account is created. And the user will be redirected to the login page.

**Processing:** User details validation and a new entry in the respective database table.

### **R3: Search**

**Description:** The user can search for the Restaurant in city of their preference. The user can search Restaurants according to various cuisine. This helps the user to make a better choice of Restaurant.

#### **R3.1: Select City and Area.**

**Input:** The user selects the city and area from where he/she wants to order food from.

**Output:** According to search of user, list of Restaurants would be displayed in that particular area of that city.

#### **R3.2: Select Cuisine**

**Input:** The user selects the Cuisine. Various cuisine like Punjabi, Mexican, Continental, Gujarati, South Indian etc. are available. User can also search directly by this.

**Output:** According to the search of user, list of Restaurants are displayed of that particular Cuisine.

#### **R3.3: Select Price Range**

**Input:** The user can also apply the filter of price. User can search the Restaurants in a particular price range.

**Output:** According to the applied price range, list of Restaurants are displayed .

#### **R4: Select the Restaurant**

**Description:** After searching the Restaurant by applying the various filters, we have to select a particular restaurant from where we want to order the food.

**Input:** Select the Restaurant.

**Output:** The information of the selected Restaurant would be displayed. Information such as food items, price, reviews etc would be displayed.

#### **R5: Order**

**Description:** After selecting the Restaurant, user shall place the order of food items.

**Input:** The user selects the food items from the selected Restaurant. User should also specify the quantity of each food item selected.

**Output:** According to the selection of the user, the selection is displayed with the total quantity and total cost mentioned and it then generates the bill.

#### **R6: Payment**

**State:** The user is asked for the options for payment.

**Input:** The user enters the payment options and payment procedure is completed.

**Output:** Booking number is displayed and emailed to the user.

### **R7: Track your Order**

**State:** The user can track his/her order after they have placed their order.

**Input:** The user would be provided with their unique order ID. To track the order, they need to enter the order ID.

**Output:** User's order current state would be shown after the order ID is entered in TrackMyOrder option

### **R8: Cancel your Order**

**State:** If the user wishes to cancel his/her order after placing it, he/she can cancel the order within 15 minutes after placing the order.

**Input:** For cancellation of order, they need to provide the order ID.

**Output:** After cancellation of order, user would have 2 options of again placing the order or direct feedback form.

## **R8: Review/Feedback**

**State:** The user is asked for the review/feedback for the steps in ordering food. They could also rate and write a review for the particular restaurant or place they earlier ordered food from.

**Input:** Feedback form and rating after selecting the restaurant they want to rate or review.

## **Logical Database Requirements:**

- Various database tables are required to maintain information.
- There is a user table which will store personal information about user.
- An items table will keep record of all items available for sale on the site.
- Information about orders will be maintained in a table for orders.
- Each user record will have a cart associated with items in it.