

A dark blue vertical bar is on the left. A blue arrow points right from it, containing the date.

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CS3009

Software Engineering

Spring 2023

DELIVERABLE-2

Several thin, curved, light blue lines sweep upwards from the bottom left towards the center of the page.

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Software Requirements Specification (SRS)

Functional Requirements:

- The System will allow the users to create an account and login to the system.
- The System will provide the users the Menu along with their price and descriptions.
- Users will be able to order food items by selecting '**Add to Cart**' button.
- System will allow the customers to reserve table by specifying the number of guests, selecting the date and time of their reservation, and finally will receive instant confirmation.
- System shall generate preview of final products with calculated price including tax of 'Cart Section' before checking out.
- After the checkout, System will clear the items in '**Cart**' Section.
- The system should provide customers with a dedicated feedback section where they can share their experience, rate the quality of the food and service, and provide suggestions for improvement.
- The system should allow the user to keep track up their order history and update their personal information.

Non-Functional Requirements:

Product requirement

- The FlavorsOnline System will be available to all the users 24/7 with minimal downtime and maintenance.
- The System shall be fast and responsive with minimal time lag.
- The System shall secure personal and financial information of the users.
- The System shall be easy to navigate and accessible for all kinds of ages.

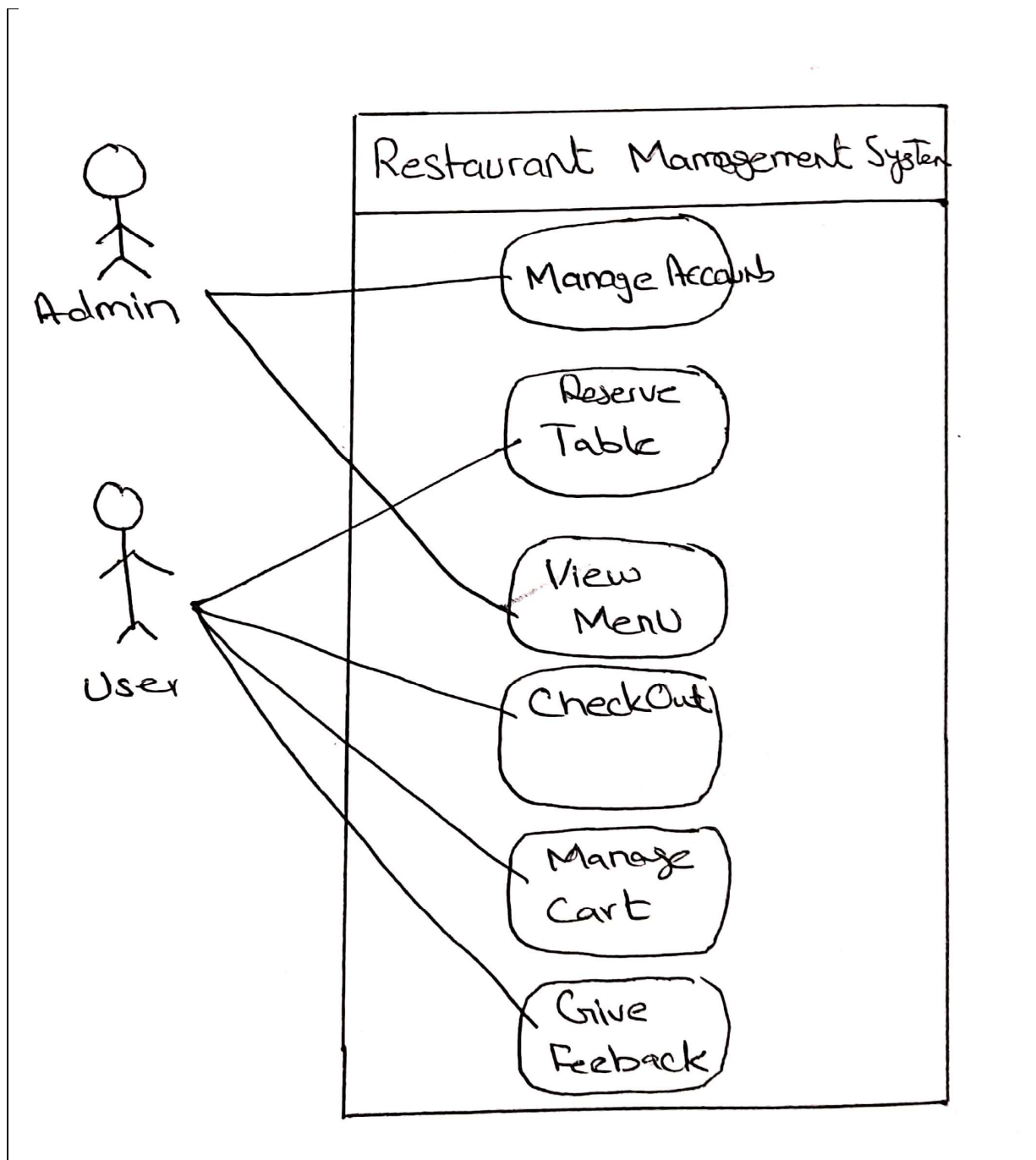
Organizational requirement

- User of the FlavorsOnline System will authenticate themselves by mobile number.
- The system should restrict access to the ordering feature to registered and authenticated users only. Users must log in to the system to be able to order items.
- Address must be present for delivery of the items.

External requirement

- The system should comply with local laws and regulations related to data privacy, food safety, and online transactions.
- The System performance shall not be impacted by the internet connection.

Use Case Diagram:



Story ID: 003

Reserve Table

User Story:

As a customer, I want to be able to reserve a table of my choice at the restaurant through the website so that I can plan my dining experience ahead of time. I expect to be able to specify the number of guests, select the date and time of my reservation, and receive instant confirmation. This will save me time and effort in making a reservation over the phone or in person and will ensure that I have a seamless dining experience.

Importance

Crucial

Acceptance Criteria:

I know I am done when the following acceptance criteria have been met:

- The website displays available tables and seating capacity.
- The customer specifies the number of guests.
- The customer is able to select the desired date and time of the reservation.
- The customer is able to view, modify, or cancel their reservation at any time.
- The customer is able to provide any special requests or accommodations during the reservation process.

Type:

Workflow

Pre-conditions:

- Table must be available for reservation.
- Date and Time should be within working hours.
- User must be logged in.

Post-conditions:

- The reserved table is marked as "booked" in the system's table availability database.
- The user is notified about his reservation.

Reserve Table:

Logo | Deliveries | Reservation | Contact us | Cart

Reserve Table

No of Guests

Section

Date

Time

Story ID: 006	
Manage Account	
User Story:	
As a user of the software system, I want to be able to manage my account information, so that I can update my profile, reset my password, and control my access to the system. I expect to be able to change my username, password, and other personal information as needed so that I can use the system effectively and efficiently. This will allow me to manage my account information and access to the software system easily and conveniently.	Importance Medium
Acceptance Criteria:	
I know I am done when the following acceptance criteria have been met for managing user accounts: <ul style="list-style-type: none"> The software system allows users to update their profile information, including their username, password, and other personal details. The software system enforces password complexity and security requirements, such as minimum length and character requirements. The software system allows users to reset their password in case they forget it. The software system allows administrators to delete user accounts. 	Type: Workflow
Pre-conditions: <ul style="list-style-type: none"> The user must be authentic email and contact information. Post-conditions: <ul style="list-style-type: none"> User accounts can be created, edited, and deleted by users. User profile information can be updated by users themselves. 	

Manage Account	
<div style="text-align: center; margin-bottom: 10px;"> <u>Manage Users Account</u> </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <div style="display: flex; justify-content: space-between; align-items: center; border-bottom: 1px solid black; margin-bottom: 10px;"> -ogo Deliveries Reservation Contact Cart </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> Name Email Contact Address Password </div> <div style="width: 65%;"> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">Muhammed Subhan</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">1200873 @nu.edu.pk</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">03010547825</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">RWP, Purgub PK</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">*****@</div> </div> </div> <div style="display: flex; justify-content: flex-end; gap: 10px; margin-top: 10px;"> Cancel Save Delete Acc </div> </div>	

Manage Cart

User Story:

As a customer, I want to see and manage the cart, so that I can add, delete, and update the items before proceeding to checkout my order. If I enter a new item into the cart or remove an item from cart, then the updated price should be displayed. I can also save the cart for later use. I expect that finally when I am checking out, I can preview the final summary including no. of quantities and total price.

Importance

Crucial

Acceptance Criteria:

I know I am done when the following acceptance criteria have been met:

- The website displays the Products from where the Customers can add the items by clicking on to 'Add to Cart' button.
- The Cart menu displays the name, price and quantity of object.
- The Customers can add, remove or update the items from the Cart menu.
- When Customer is ready to checkout, the customer can preview total quantities and the total amount including Tax.
- After the completion of Checkout process, the cart menu should be empty.

Type:

Workflow

Pre-Condition:

- Customer should be logged into the Database.

Post-Condition:

- Customers can easily add, remove and delete items from cart section.
- Total amount with taxes should be displayed before checkout with quantities of items.

Manage Cart

MyCart (2) Delete

	Smoked Chick Pizza in Soya Sauce (large) Rs. 1499	- 1 +
	Spring Roll with Vegetable Rs. 1000	- 5 +

Total = 2499

Check Out

Give Feedback

User Story:

As a customer, I want to have feedback on my experience and quality of service provided to me. After navigating on the page of feedback, I should be able to provide the complete and detailed feedback of my experience. After submitting the feedback, I expect to get a confirmation message. I also expect that Company would address my concerns if I came across any unfortunate experience.

Importance

Medium

Acceptance Criteria:

I know I am done when the following acceptance criteria have been met:

- The customer should be login to system in order to have feedback on the system.
- The feedback page should be easily accessible from the company's website.
- The Customers can add a detailed note on experience of their orders.
- The Customers can add the photos if necessary.
- The website should provide a confirmation message after the customer submits their feedback.

Type:

Report

Pre-Condition:

- Customer should be logged into the Database.

Post-Condition:

- Customers can easily comment down his feedback about their orders.
- Customers can add images if necessary.
- The System will provide a Confirmation Message.

Give Feedback

A hand-drawn sketch of a feedback form interface. The form is titled "FEEDBACK FORM" with a speech bubble icon to the left. It contains three input fields: "Name:", "Phone No:", and "Message:". Below the "Message:" field is a button labeled "Add Picture" with a plus icon. At the bottom right is a "Submit" button.

Manage Menu	
User Story:	
As the admin of the restaurant, I want to be able to manage the menu of the restaurant through the website's admin portal. This should allow me to add, delete and update the food items in the menu. I can categorize food items into different categories such as breakfast, lunch etc. I can also modify the prices and manage discounts on the menu. By doing this task through website will make the updated menu readily available to the customers.	Importance High
Acceptance Criteria:	
I know I am done when the following acceptance criteria have been met: <ul style="list-style-type: none"> • The menu page on the website is updated from customers perspective. • The orders are done according to the updated menu. Pre-Condition: <ul style="list-style-type: none"> • Admin should be logged into the Database. Post-Condition: <ul style="list-style-type: none"> • Admin add, delete, or update the food items in the menu. • Item prices updates and discounts on items done. • System notifies the confirmation message. 	Type: Workflow

Manage Menu	
<div> <div>Manage Menu</div> <div>Items List</div> <div> <div>Name</div> <div></div> </div> <div> <div>Description</div> <div></div> </div> <div> <div>Price</div> <div></div> </div> <div> <div>Serving Size</div> <div></div> </div> <div> <div>Ingredients</div> <div></div> </div> <div> <div>Recipe</div> <div></div> </div> <div> <div>Category</div> <div></div> </div> <div> <div>Save</div> <div>Delete</div> </div> </div>	

Check-out	
User Story:	
As a customer, I want to be able to checkout and pay for my order online, so that I can avoid waiting in line. I can select the delivery address. I can conform my order. I can add my credit card/debit card details. This will ensure that all work is done online.	Importance Crucial
Acceptance Criteria:	
I know I am done when the following acceptance criteria have been met: <ul style="list-style-type: none"> The website confirms the order, and an order number is generated. The website shows the estimated time of delivery. The customer has received a confirmation email with the order details. Pre-Condition: <ul style="list-style-type: none"> Customer should be logged into the Database. Post-Condition: <ul style="list-style-type: none"> Customers able to checkout and pay their bills. System Updates the inventory. System notifies the Customers about confirmation. 	Type: Report

Check-out

CheckOut

Add Delivery Address

Credit Card Details

Account Number

DD

MM

YYYY

CVV

Place Order

Your Order

Items	Qty	Price
Zinger Burger	2	200
Medium Size Chicken Tikka Pizza	1	1800
Total Price		2000