



# **National University of Computer & Emerging Sciences**

Department of Software Engineering

Software Requirements Engineering

## In-Class Group Assignment - Fall 2024

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Time allowed: 1 hour

Total Marks: 15

Marks Obtained:

### Scenario: Online Food Delivery System

You have been approached by PopularDesiFood chain to help transition to an online food delivery system. Your requirements engineering team agrees to design an Online Food Delivery System (OFDS) that serves three primary user groups: Customers, Restaurant Managers, and Delivery Personnel. The system aims to make the process of ordering, preparing, and delivering food seamless and efficient.

#### Description of the System:

Customers can browse menus, place orders, and track delivery status in real time. Restaurant managers receive order notifications, update menu availability, and manage operational reports. Delivery personnel can access optimized delivery routes, update order statuses, and receive push notifications about order assignments. The system integrates with third-party services like payment gateways, map APIs, and SMS notification systems.

#### **User Stories**

## **Customer User Stories:**

- As a customer, I want to browse restaurant menus categorized by cuisine and price so I can decide what to order.
- 2. As a customer, I want to place an order with multiple items so that I can buy a complete meal in one go.



# Instructions for the Activity

# **Duration: 1 hour**

Read the scenario and user stories provided. Can you think from the perspective of customer, restaurant manager/staff, and delivery personnel and add more user stories?

First, add more user stories.

Identify Functional Requirements (FRs) for the system against user stories for each user group.

Identify Non-Functional Requirements (NFRs) such as performance, security, and usability etc.

## BE CREATIVE! BRAINSTORM!

Use of AI is strictly not allowed. There is a second part to this activity. To ensure that the second part of the activity is successful all requirements must be manually generated.

**Additional Customer User Stories:** 

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view my estimated delivery time	e
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Additional Restaurant Manager/Staff User Storie	s:
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/	US_S_1	As a customer I want to
1	M	rate and review food that which I order
1	4	As a customer I want to all two to three delivers address to worke more convinient for rider.
	M	as a customer I want to notify when offers and discount available
	\\ \rangle \rangle \\ \rangle \\ \rangle \\ \rangle \\ \rangle \\ \rangle \\	As a customer I ward to easily contact customer support
1	¥?.	As a customer I want to checkast was a guest without creating ac

Additional Delive	Personnel	User Stories:
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Additional Deliver Personnel User Stories:	1.573
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Set Menu item Available menu.  resturant manager, I want to set certain an menu items during specific hours so that menu is	whathle
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Non-Functional Requirements (NFRs)

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