



Report – Airport Food Court



Submitted To :- Mr.Golam Rabbany



Submitted By :- Md.Asadul Islam Emon

Id:221-15-4715

Section:61_U

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Revision History

Version	Date	Reason for change
SRS_Food_1.0	20-09-2023	User profile, Functional requirement , Non-functional requirement, Use case.
SRS_Food_2.0	20-09-2023	Story board , Requirement traceability.

Chapter 1

1. Introduction

The purpose of this document is to describe the online food order system (OFCS) product with the release number 2.0. This document contains the functional and non-functional requirements of the project and also user profile, use case, database, and storyboard. This document contains the guidelines for system engineers and designers to start working on the project.

2. Scope

- OFCS product is basically a mobile app which will allow customers to order food using their mobile app.
- This project is developed as a course project of "CSE 236: Requirement Analysis & Design"
- OFCS can be used for hotels or restaurants from where customers can order food from any place of the hotel/restaurant.
- From a secondary user's point of view, a manager can check the list of food orders by customer.

3. Overview

- Chapter 2. Describes both primary secondary user profile.
 - Chapter 3. Shows the list of functional and non-functional requirement including mind-map and requirement prioritization.
 - In chapter 4. Use case diagram was provided.
 - Chapter 5. Displays the storyboard.
 - Chapter 6. Contains requirements traceability
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Chapter 2

1.User profile:1

User class: Customer	Characteristics	Requirement Implied
User type	Primary	Must give input
Age range	15-60	Minimal Design
Frequency of use	Any Time	24 hours available
Mandatory / Voluntary	Mandatory	Static
Computer experience/OS/Application	Yes	Type option or Touch
Education	N/A	Simple interface
Goals	To order food	Must sec price to give order
Language skill	English	Simple English
Number of user	Unlimited	Bandwidth should be high
Training	Not required	Not required
Other system use	N/A	Can not take system
Ways of working	To order food	Must sec price to give order

2. User profile: 2

User class: Manager	Characteristics	Requirement implied
User type	Secondary	Must see output
Age range	30-40	Minimal Design
Frequency of use	Any time	24 hours available
Mandatory / Voluntary	Voluntary	Static
Computer experience/OS/Application	yes	Only type or click option
Education	Higher education	Simple interface
Goals	To see food order	Must be sec overall order
Language skill	English	Simple English
Number of user	3	Bandwidth should be normal
Training	Required	2 days training will be provided
Other system use	Not available	Can not take system
Ways of working	To check food order	Must be sec overall order

Chapter 3

List of Functional requirement

1. Functional requirement: Customer

Requirement ID	FR.C.1
Requirement Name	Food Menu
Description	Customer can select menu

Requirement ID	FR.C.2
Requirement Name	Price
Description	Customer can see the food price

Requirement ID	FR.C.3
Requirement Name	Oder food
Description	Customer can the order food

2.Functional requirement: Manager

Requirement ID	FR.M.1
Requirement Name	Log in
Description	Manager can log in using user name and password

Requirement ID	FR.M.2
Requirement Name	Check order
Description	Manager can see all the orders

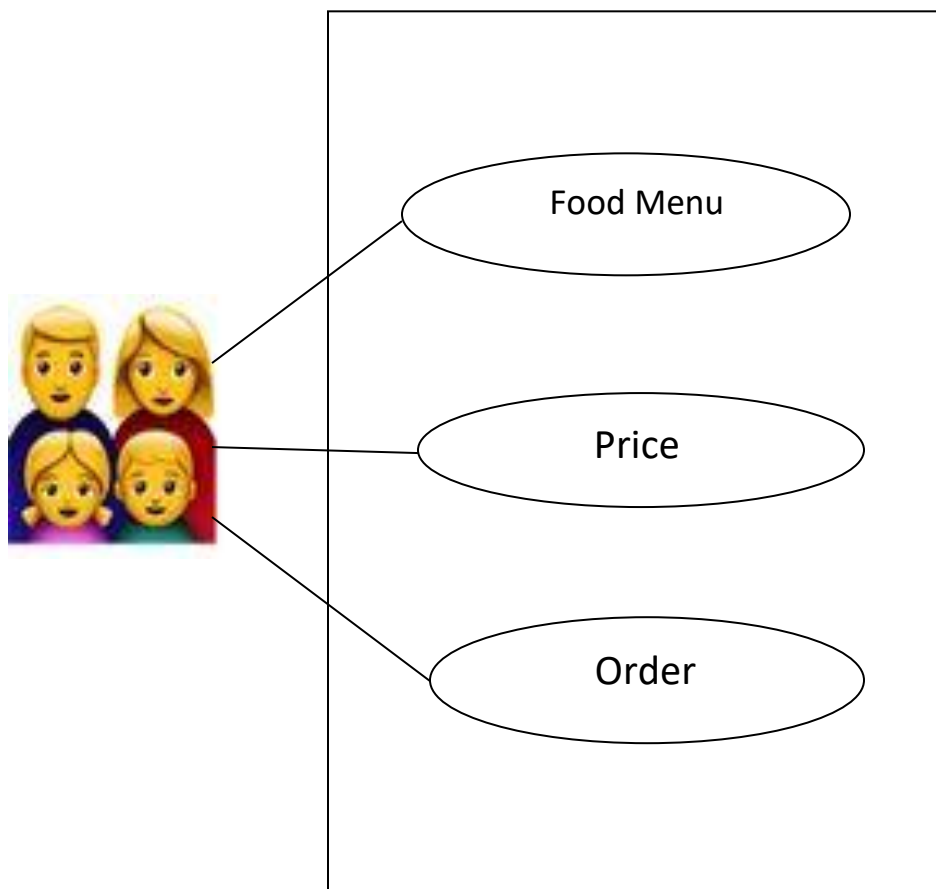
Requirement ID	FR.M.3
Requirement Name	Add discount
Description	Manager can see all the discount

Requirement ID	FR.M.4
Requirement Name	Add offer
Description	Manager can see all the offer

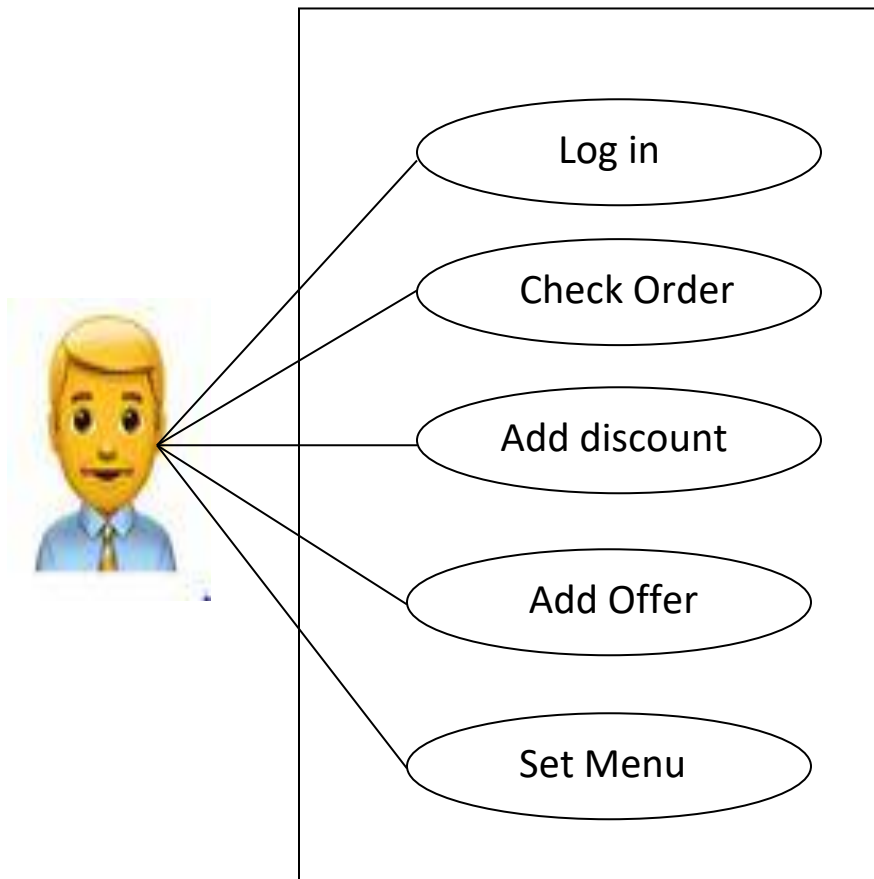
Requirement ID	FR.M.4
Requirement Name	Set menu
Description	Manager can set menu

Chapter4

1.Use case diagram : Customer



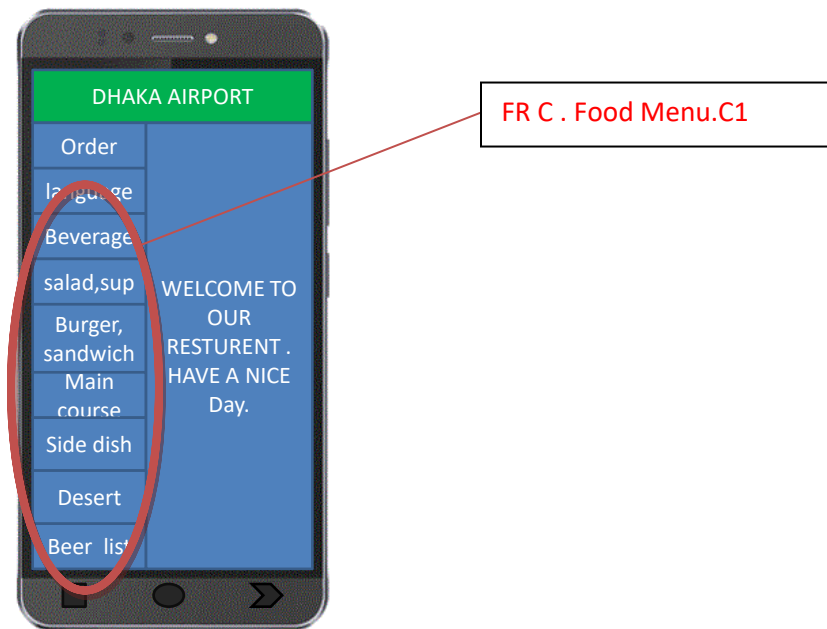
2. Use case diagram: Manager



Chapter 5

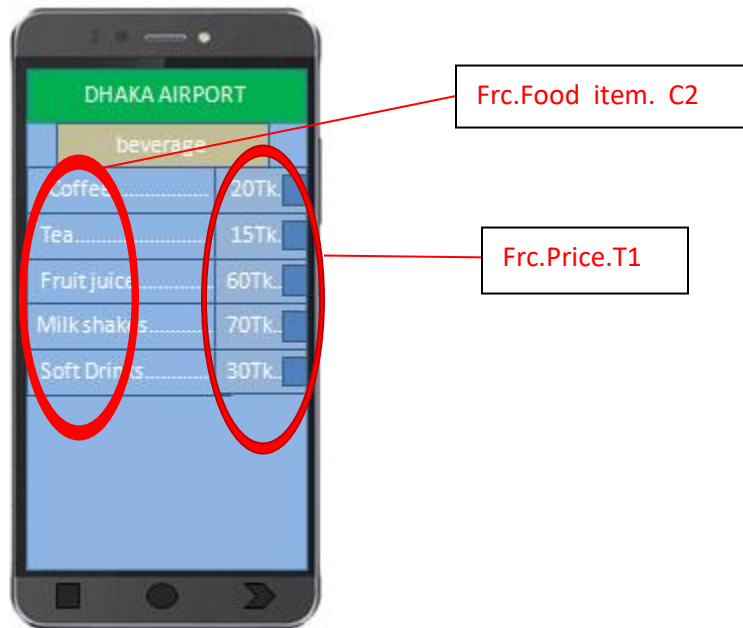
Storyboard customer

➤ Food menu



Objects	Purpose	Validation Criteria
Frc.Food menu.C1	This Combo box will used to select the food menu	Customer can not select any food menu which is not available in the menu

➤ Price



Objects	Purpose	Validation Criteria
Frc.Fooditem.C2	This picture box will contain food item	Customer will see all the food item
Frc.Price.T1	This label will have the price of that specific food	This label should be static. Customer can not change the price.

➤ Order Food

DHAKA AIRPORT

Order Record.....

No:.....
Table No:.....
Name :.....
Date:.....
Your dishes:.....

Pay your bill

Frc.Order.L1

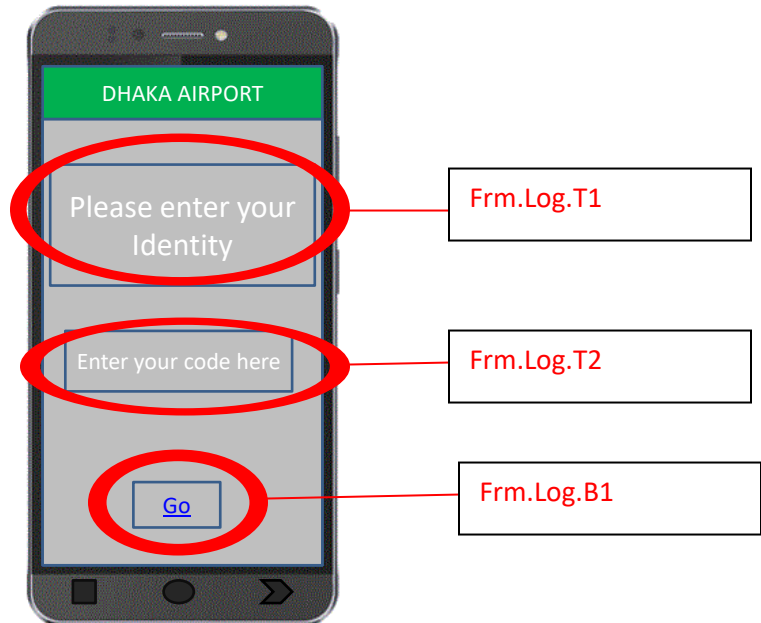
Frc.Quanty.T1

Frc.Bill.B1

Objects	Purpose	Validation Criteria
Frc.order.L1	This box will contain the order for record	It should be static and no action when customer click.
Frc.Quanty.T1	This box will contain Customers name, date and quantity of dishes	Customer can simply put number, any alphabet
Frc.Bill.B1	This box will contain About customer bill	Customer can click and pay ther bill

Storyboard Manager

➤ Log In



Objects	Purpose	Validation Criteria
Frm.Log.T1	In this text box manager will input his user name	No space between user name
Frm.Log.T2	In this text box manager will input his user name	Password should be more than 6 characters
Frm.Log.B1	If manager click this button, system will check the user name and password. After valid log in new window will open for report.	Function can be activated only in one click

➤ Check Order

The image shows a mobile application interface for 'DHAKA AIRPORT'. The screen displays an 'Order Record' section with four input boxes arranged in a 2x2 grid. Each box contains labels for 'TableNo:....', 'Name :...', and 'Date:'. The top-left input box is highlighted with a red circle, and a red line connects it to a label 'Frm.Checkorder.T1' located in a box on the right side of the screen. At the bottom of the screen, there is a button labeled 'Select one'.

Objects	Purpose	Validation Criteria
Frm.Checkorder.T1	This box will contain to checking order by table.	Manager can see all the input which customer add to order their food.

➤ **Add Discount**



Objects	Purpose	Validation Criteria
Frm.Discount.C1	This box will contain about customers discount.	Manager can simply click to input discount.

Chapter 6

Traceability Matrix

Serial	Functional req	Trace
1	FR.C.1	Frc.Food menu
2	FR.C.2	Frc.price
3	FR.C.3	Frc.Order
4	FR.M.1	Frm.log in
5	FR.M.2	Frm.check order

Software Requirement Specification

For

Online Food Court System

Version 2.0