Group 4 - Chef For Everyone

PRODUCT DESCRIPTION

# Product Title

Chef For Everyone (CFE)

# Product Scope

***Objectives:***

*- This app is use for every person, family or company with a lot of benefits, they can choose chefs they like the service they want to be served at home or somewhere at the company. And they don’t need to go outside or go to the restaurant to get contact with master chef. This app can make your life become convenient.*

*- With this app chefs can get a second job when they have free time and for all students with drink and food is their major subjects. They can get job, experience and money for pay fee.*

***USER:***

*-Role Admin: who can modify all information about other roles in app.*

*-Role customer: who use this app for rent chef*

*-Role chef: who use this app to find a job as chef.*

**Major Features**

FE-1: Book chef from the CFE menu to be picked up or home service.

FE-2: Create, view, modify, and cancel booking for standing or recurring chef service orders.

FE-3: Create, view, modify, delete, and archive chef’s menus.

FE-4: View ingredient lists and nutritional information for chef’s menu items.

FE-5: Provide system access through corporate intranet, smartphone, tablet, and outside Internet access by authorized employees.

Diagram

Description automatically generated

**Figure 1.** Partial feature tree for the Chef For Everyone.

## Scope of Initial and Subsequent Releases

|  |  |  |  |
| --- | --- | --- | --- |
| Feature | Release 1 | Release 2 | Release 3 |
| FE-1, Order from CFE menu | Standard meals from lunch menu only; | Accept meal orders for breakfasts and suppers |  |
| FE-2, Meal subscriptions | Not implemented | Implemented if time permits | Fully implemented |
| FE-3, Menus | Create and view menus | Modify, delete, and archive menus |  |
| FE-4, Ingredient lists | Not implemented | Fully implemented |  |
| FE-5, System access | Intranet and outside Internet access | IOS and Android phone | Tablet apps |

# Stakeholders

## Customers

|  |  |  |
| --- | --- | --- |
| Customer Class | Expectation | Represented By |
| Normal customer | -Make a request.  -Cancel a request.  -Search and choose chef and service. | Role customer. |
|  |  |  |
|  |  |  |

## Users

|  |  |  |
| --- | --- | --- |
| User Class | Expectation | Represented By |
| Admin | -Modify app information,  -Modify Chef information,  -Modify service on app. | Role Admin |
| Chef | -Create and update profile on app.  - Change status.  -Accept request from customer.  -Cancel request from customer. | Role Chef |
|  |  |  |

# Functional Requirements

|  |
| --- |
| **Booking.Place: Placing a chef order**  .Register: The CFE shall confirm that the Customer is registered for member promotion.  .No: If the Customer is not registered for member promotion, the CFE shall give the Customer options to register now and continue booking, to place an order for delivery, home service or to exit.  .Cutoff: If the booking date is the current date and the current time is after the booking cutoff time, the CFE shall inform the customer that it’s too late to book for today. The Customer can either change the booking date or cancel the booking. |
| **Order.Menu: Viewing a menu**  .Date: The CFE shall display a menu of the chef that the Customer specified.  .Available: The menu for the specified chef shall display only those food items for which at least one unit is available in chef’s inventory and which may be delivered. |
| **Order.Units: Ordering multiple meals and multiple food items**  .Multiple: The CFE shall permit the user to order multiple identical meals, up to the fewest available units of any menu item in the order.  .TooMany: If the Customer orders more units of a menu item than are presently in the chef’s inventory, the CFE shall inform the Customer of the maximum number of units of that food item that he/she can order. |
| **Order.Confirm: Confirming an order**  .Display: When the Customer indicates that he/she does not wish to order any more food items, the CFE shall display the food items ordered, the individual food item prices, and the payment amount calculated according to Business Rule.  .Prompt: The CFE shall prompt the Customer to confirm the meal order.  .Response: The Customer can confirm, edit, or cancel the order.  .More: The CFE shall let the Customer order additional meals for the same or for a different date. |
| **Order.Pay: Meal order payment**  .Method: When the Customer indicates that he is done placing orders, the CFE shall ask the user to select a payment method.  .Deliver: ...  .Deduct: If the Patron selected member promotion, the CFE shall issue a promotion request to the Member System.  .OK: If the payment request is accepted, the CFE shall display a message confirming acceptance of the order with a transaction number.  .NG: If the payment request is rejected, the CFE shall display the reason for the rejection. The Customer shall either cancel the order, or change the payment method to cash or cancel order. |
| **Order.Done: When the Customer has confirmed the order, the CFE shall do the following as a single transaction.**  .Store: Assign the next available meal order number to the meal and store the meal order with a status of “Accepted.”  .Inventory: Send a message to the Chef Inventory System with the number of units of each food item in the order.  .Menu: Update the menu for the current order’s order date to reflect any items that are now out of stock in the chef inventory.  .Times: Update the remaining available delivery times for the date of this order.  .Customer: Send an email message or text message to the Customer with the meal order and meal payment information.  .Chef: Send an email message or text message to the Chef with the meal order information.  .Failure: If any step of Order. Done fails, the CFE shall roll back the transaction and notify the user that the order was unsuccessful, along with the reason for failure. |

[Note: Functional requirements for reordering a meal and for changing and canceling meal orders are not yet provided in this document.]

## Create, View, Modify, and Delete Meal Subscriptions

[Details are not yet provided in this document.]

## Create, View, Modify, and Delete Chef Menus

[Details are not yet provided in this document.]

|  |  |  |
| --- | --- | --- |
| Requirement # | Description | Related Requirements |
| FR1 | Login and Logout |  |
| FR2 | Refresh chef list every 5 minutes | FR1 |
| FR3 | Create, Update, Delete Account Data | FR1 |
| FR4 | Create, Update, Delete Working Schedule | FR1 |

# Non-functional Requirements

## Targeted Platforms

The CFE shall permit user access from the corporate Intranet, from a VPN Internet connection, and by Android, iOS smartphones and tablets.

## Performance

PER-1: The system shall accommodate a total of 400 users and a maximum of 100 concurrent users during the peak usage time window of 9:00 A.M. to 10:00 A.M. local time.

PER-2: 95% of UIs generated by the CFE shall download completely within 4 seconds from the time the user requests the UIs over a 20Mbps or faster Internet connection.

PER-3: The system shall display confirmation messages to users within an average of 3 seconds and a maximum of 6 seconds after the user submits information to the system.

## Availability

AVL-1: The CFE shall be available at least 98% of the time between 5:00 A.M. and midnight local time and at least 90% of the time between midnight and 5:00 A.M. local time, excluding scheduled maintenance windows.

## Reliability

RLB-1: If the connection between the user and the CFE is broken prior to a new order being either confirmed or terminated, the CFE shall enable the user to recover an incomplete order and continue working on it.

# Release Method