**CSC 183 – Software Requirements Analysis**

**An ordering system for Coffee and Pastry House**

**Proponents:** **Clients:**

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**CHARTER**

**Vision**

The ordering system makes it easier and faster for customers to order.

**Mission**

Create a ordering system that facilitates customer’s orders.

**Objectives:**

* After 3 weeks of documenting the charter, use cases and test cases and with the agreement upon the client, the software prototype will be initiated.
* After 1.5 month from project initiation and with client’s approval, the online menu will be available for customer’s viewing.
* Within 2 months after project initiation, the customers will be able to order through the system.

**Principle:**

Customer’s satisfaction is of primary importance.

**Feature List**

* Menu for the day
* Food Ordering
* Confirm Order
* View Order
* View Meals

**Feature List Acceptance Criteria**

**Menu for the Day**

A list of menu is provided in which the customers will be able to view the menu and order a meal through the system.

**Food Ordering**

Order a food and specifying the quantity of the order through the system; make sure that orders are recorded and displayed.

**Confirm Order**

Finalizing of customer’s order and submitting it to the system; the orders are displayed both on the customer’s and clerk’s monitor.

**View Order**

Viewing of customer’s order after he/she is done finalizing the order; customer’s order is displayed on the clerk’s monitor.

**View Meals**

Viewing of all the meals in the system, adding and deleting meals; where the availability status of the meals are changed.

**Roles**

* **Customer –** orders through the system.
* **Clerk –** takes the order of the customer through the system.

**Roles Attributes**

**Customer**

* **Frequency of use** – Everyday
* **Domain expertise** – Good
* **Computer expertise** – Good
* **General goals** – Speed (as few clicks as possible)

**Clerk**

* **Frequency of use** – Every day
* **Domain expertise** – Excellent
* **Computer expertise** – Good
* **General goals** – Speed (as few as keystrokes as possible)

**Persona**

Frances comes to the Pastry house everyday to have snacks during her break from work. She loves to order quickly so that she can go back to her work on time. She hopes that the system will be very useful to her.

Victor comes to the Pastry house every day. He spends a lot of his time manning the counter. He is the one who receives the orders and the payments of the customers. He hopes that the system will be useful in his work.

**Stories**

* As the customer, I want to order through a computer so that my orders will be served when I go to the counter.
* As the clerk, I want to view the customer’s order so that it will be served accordingly.

**USE AND TEST CASES**

**Menu for the Day**

**Use Case:**

**Name** – Menu for the Day

**Description** – Menu for the day will be displayed.

**Actor** – Clerk

**Pre-conditions** – Meals are already encoded in the database.

**Post-conditions** – The list of meals belonging to menu for the day will be displayed.

**Main Course:**

1. In the admin page, clerk clicks “view meals”.

2. In the view meals page, clerk selects the meal to be added to the menu of the day and clicks “edit”.

3. A prompt appears and displays information about the meal together with the “status” dropdown menu.

4. In the “status” dropdown menu, clerk selects “available” and clicks “save”.

5. After saving, menu will be updated and displayed.

**Test Case:**

**Given**

The meals “Frappe” and “Caramel Apple” are not on the Menu of the Day page.

**When**

The clerk selects “Frappe” and “Caramel Apple” to be part of the Menu of the Day and clicks the “edit” button. Then, in the “status” dropdown menu, clerk selects “available” and clicks “save”.

**Then**

The meal is recorded and displayed both on the customer’s and clerk’s monitor under the menu pane.

**Food Ordering**

**Use Case:**

**Name** – Food Ordering

**Description** – Ordering meals through the system.

**Actor** – Customer

**Pre-condition** – A menu is provided.

**Post-condition** – The customer’s orders are recorded and displayed.

**Main Course:**

1. The customer clicks the image of the meal he/she is about to order.
2. After clicking the image, a prompt appears and requires the customer to input quantity of the order. The customer can only input a positive integer less than 100. After that, customer clicks the “Buy” button.
3. The system records and displays the order on the order pane.

**Test Case:**

**Given**

“Alyzza Urdeza” has already click meal “Frappe”

**When**

“Alyzza Urdeza” inputs the quantity of her order and clicks “Buy”.

**Then**

The order is recorded and displayed both on the customer’s and clerk’s monitor.

**Confirm Order**

**Use Case:**

**Name** – Confirm Order

**Description** – Confirmation of customer’s orders.

**Actor** – Customer

**Pre-condition** – Customer has already selected meals to be ordered.

**Post-condition** – Customer’s orders will be confirmed and recorded.

**Main Course:**

1. After the customer selects meals to be ordered, he/she clicks the “Confirm Order” button

Exceptions:

1.a. The customer didn’t select any meal.

i. A prompt appears stating “You didn’t order anything!”

ii. Use case exits.

2. The customer’s order will be confirmed and recorded.

**Test Case:**

**Given**

**“**Lorebill de Amor**”** has already selected 2 “Double Shot”, 2 “Iced Coffee” and 1 “Frappe” to order.

**When**

**“**Lorebill de Amor**”** clicks the “Confirm Order” button.

**Then**

The orders will be confirmed and recorded.

**Viewing Orders**

**Use Case:**

**Name** – Viewing Orders

**Description** – Viewing of customer’s orders.

**Actor** – Clerk

**Pre-condition** – Customer has already ordered.

**Post-condition** – Customer’s orders will be displayed in the clerks monitor.

**Main Course:**

1. In the admin page, clerk clicks “view orders”.

2. In the “view orders” page, the four current customer’s orders will be displayed.

Exception:

2.a. If the customer hasn’t order anything, the view orders page is empty.

2.b. Use case exits.

3. The clerk clicks “done” when the order is finished.

**Test Case:**

**Given**

“Elisa May” has already confirmed her orders.

**When**

The clerk clicks “view orders” in the admin page.

**Then**

“Elisa May” ‘s orders are displayed.

**Viewing Meals**

**Use Case:**

**Name** – Viewing Meals

**Description** – Viewing of all meals.

**Actor** – Clerk

**Pre-condition** – All the meals are already encoded in the database.

**Post-condition** – All the meals will be displayed in the “view meals” page.

**Main Course:**

1. In the admin page, clerk clicks “view meals”.

2. In the “view meals” page, all of the meals will be displayed.

**Test Case:**

**Given**

All of the meals are encoded.

**When**

The clerk clicks “view meals” in the admin page.

**Then**

The list of all the meals is displayed.