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SE OBA-1

1.) ⇒ Functional requirements of automated home-delivery food system

- * The software should allow users to Sign In if not logged in. Not doing so will not allow for payment.
- * It should allow users to browse all the food items & select them to place order.
- * It should allow users to view food items category-wise, item can then be added to the cart using a single button click.

⇒ Non-Functional requirements

- * ~~AD~~ The system should not breach any of the intellectual right & it should also follow the company standard.
- * Security & Privacy Central host repository must be encrypted so contents are not visible to unauthorised user.
- * The time it takes in placing order in cart & its confirmation should not take more than 5 seconds.

⇒ Form structural specification

Function : Place an Order

c) Description: Add the food item which user wants to order & place in cart.

Input: Taking food item & quantity

Source: From any verified users & customers.

Output: Order is placed in the customers cart

Destination: Cart

Action: Customers & users can review food items & select according to his/her choice. It should also take more than one order & place it in cart.

Require: An authorised user & access to system

Pre-condition: The food item on the menu should be cooked ASIs & should be available

Post-condition: Food items added to cart

Side-effect: None

2.) Block Diagram:

