

Ryan Paw

Professor Mario Missakian

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Pizza Ordering Management System (POMS)

My project will create an application to manage the pizza ordering process at Deep Dish Data Pizza (DDDP). This application is named POMS.

POMS is comprised of key processes that help deal with pizza orders from customers using the POMS application.

- Register new customers by creating a MyPizza account
- Customize pizza order and add additional side dishes (optional)
- Submit order request
- Prepare food
- Employee delivers food or customer picks up food

Here is a description of how POMS will work:

New customers ordering a pizza will need to register for a new account and login in the POMS application. New customers will input general information (personal and address information) so customers can be registered in the system. After filling out all the required

fields, the customer will have completed creating his/her MyPizza account. For future orders, the customer will need to use the same login information.

The customer will now be able to customize their pizza by choosing the size of the pizza, the sauce, and the toppings. After the customer has finished customizing their pizza, they can add it to their order. The customer can add a maximum of 10 pizzas in a single order. The customer may add additional side dishes (chicken wings, garlic bread, etc.) to their order. The customer can add a maximum of 20 side dishes in a single order. The customer can choose if they prefer to pick up the pizza, or if they would like Deep Dish Data Pizza to deliver. POMS will then ask for the customer's credit card to be inputted. Once that is completed, they must submit their order in the POMS application, and their credit card will be charged.

Once an order is submitted in the POMS application, Deep Dish Data Pizza will receive the order and will start preparing the pizza and any side dishes (if any). When a customer's order is ready, the customer will be notified via the POMS application. If the order is made for pickup, the POMS application will notify the customer that their pizza is ready for pickup at the restaurant. After the customer arrives at the restaurant, they will receive their food order. If the order is made for delivery, the POMS application will notify the customer that their pizza is on route for delivery. A delivery person will drive to the customer's address, and the customer will receive their food order.