

ONLINE FOOD DELIVERY

Table Of Content

Sr.no	Description	Page no.
1)	<u>Problem Description</u>	<u>2</u>
2)	<u>Requirements</u>	<u>3</u>
3)	<u>Technologies</u>	<u>4</u>
4)	<u>Use Case Diagrams</u>	<u>5</u>
5)	<u>Class Diagram</u>	<u>6</u>
6)	<u>Sequence Diagram</u>	<u>7</u>
7)	<u>Future Scope</u>	<u>8</u>

Problem Statement:

The objective of an Online Food Delivery services is to provide a convenient and efficient way for customers to order food from restaurants and have it delivered to their doorstep. Several key objectives and benefits of online food delivery services include:

- 1) **Convenience:** Online Food Delivery offers a hassle-free way for customers to order a wide range of cuisine from the comfort of their homes, workplaces, or wherever they are. It eliminates the need to visit a restaurant physically.
- 2) **Variety and Choice:** Customers have access to a diverse range of restaurants and menu options, allowing them to explore different types of cuisine and dishes. This variety caters to different tastes and dietary preferences.
- 3) **Time-Saving:** Online Food Delivery saves time as customers can quickly place orders, track their deliveries, and avoid the time-consuming process of Dining in or picking up food.
- 4) **Enhanced Customer Experience:** Online Food Delivery platforms often feature user-friendly interfaces, reviews, ratings and recommendations that enhance the overall customer experience.
- 5) **Revenue Generation:** For Restaurants, Online Food Delivery serves as an additional revenue stream, expanding their customer base beyond traditional dine-in patrons.
- 6) **Loyalty Programs and Discounts:** Many food delivery platforms offer loyalty programs, discounts, and promotions to attract and retain customers, encouraging repeat orders.
- 7) **Feedback and quality Control:** Online platforms allow customers to leave reviews and feedback, which can help restaurants improve their services and maintain quality standards.

Features:

- Register and Login Module
- Food Category- Add category, Delete Category, View category
- Food Module-Add food, Update Food, Delete Food, View Food, Search Foods.
- Cart Module-Add to Cart, Delete from Cart, View Cart.
- Order Module-Add Order, View Orders.
- Delivery Module-Add Delivery Detail, View Delivery Details.

Technologies:

- Frontend Technology:

1. JSP
2. HTML
3. CSS
4. JavaScript

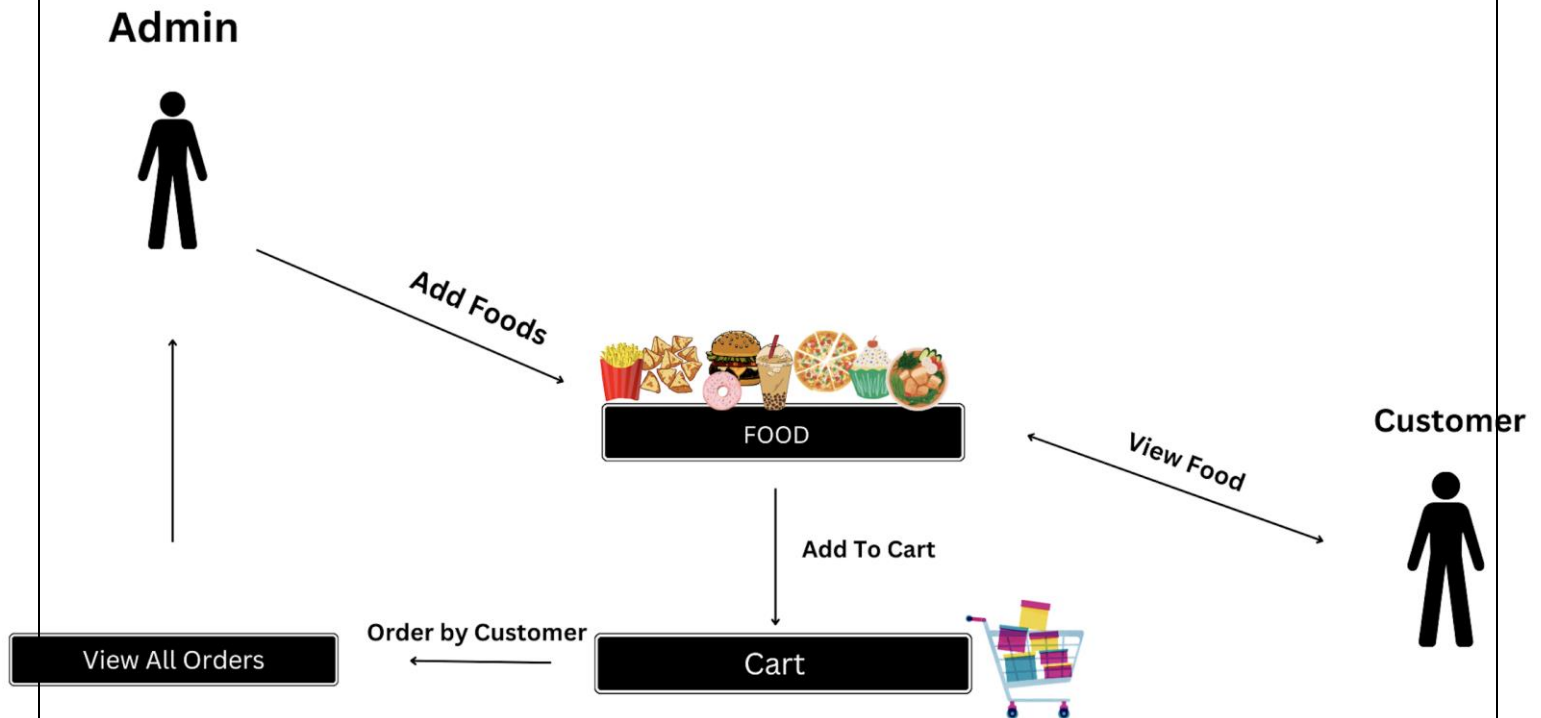
- Backend Technology:

1. Spring Boot
2. Spring MVC
3. JAVA

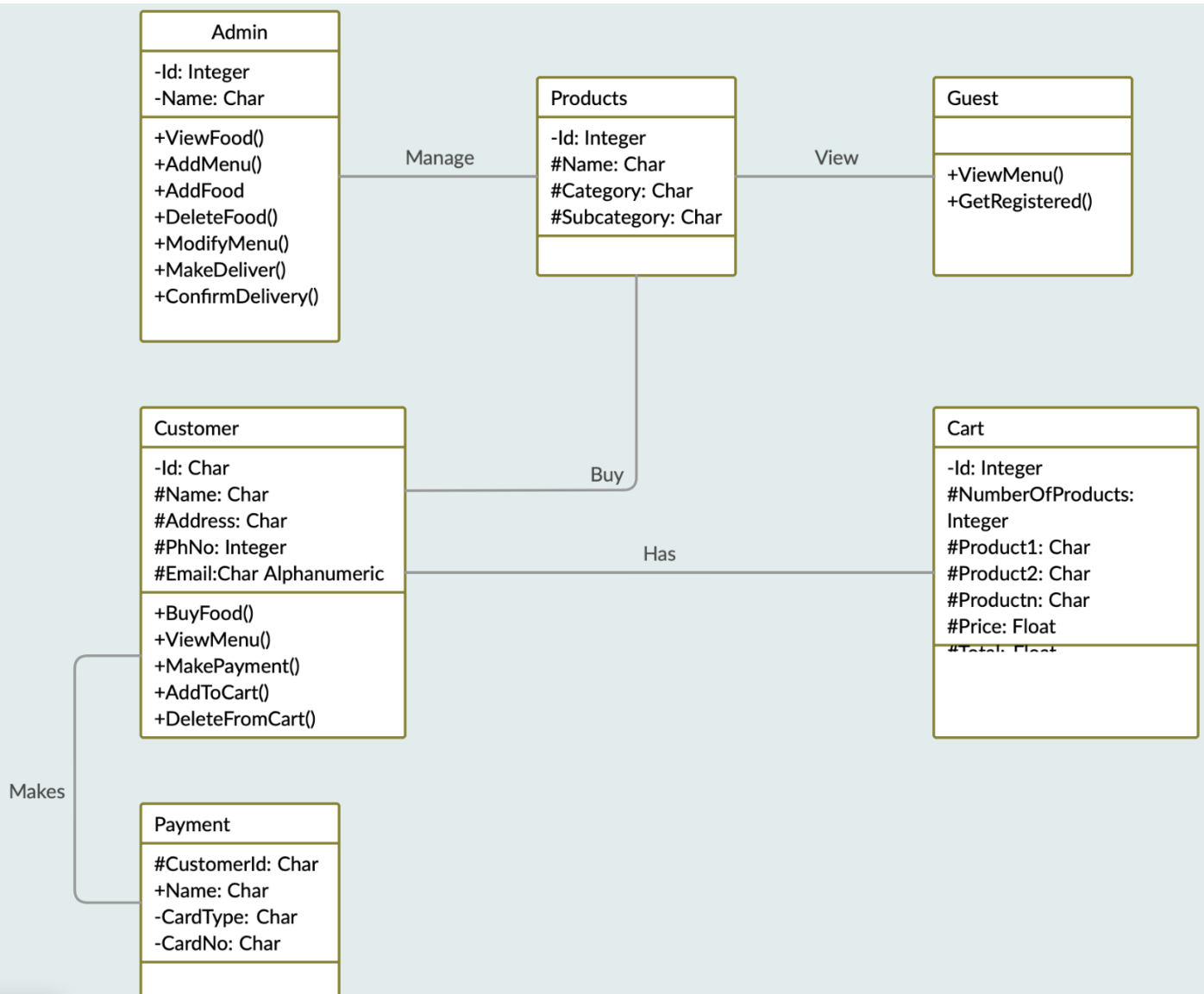
- Database:

SQL

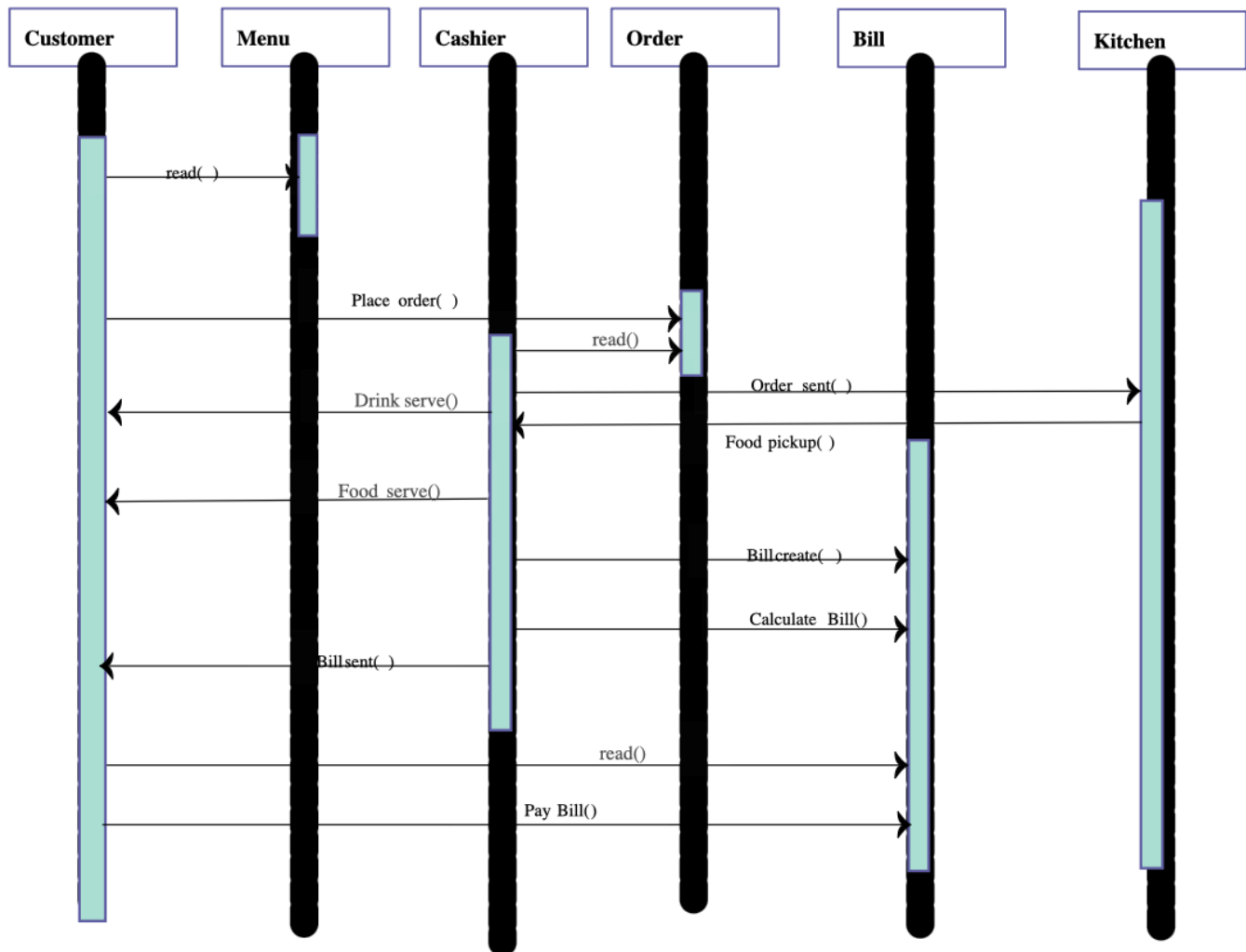
Use Case Diagram:



Class Diagram:



Sequence Diagram:



Future Scope:

Enhanced User Experience: As we all know that food is the basic need in every human life, for which everyone is struggling. Yet even after their efforts, if people are still not happy with their sustenance, then the effort given behind it is completely useless. The reasons might be the people are occupied with their busy schedules, they either can't able to cook or not having time to make food and order their food from outside.

The online food ordering system is one of the most profitable marketing strategies for restaurant businesses. Online food ordering platforms also prevents missed orders due to busy phone lines or a lack of resources to monitor the phone. The face of the restaurant industry has shifted from the traditional dine-in culture to takeaways, online ordering, and home deliveries. Restaurants are quickly incorporating mobile food ordering apps in their restaurant management systems to streamline the entire order taking process.