Software Design

CYNTHIA MOKGALAPA

HyperionDev

Software Engineering

Table of Contents

1   Use Case Diagram for Online Food Application
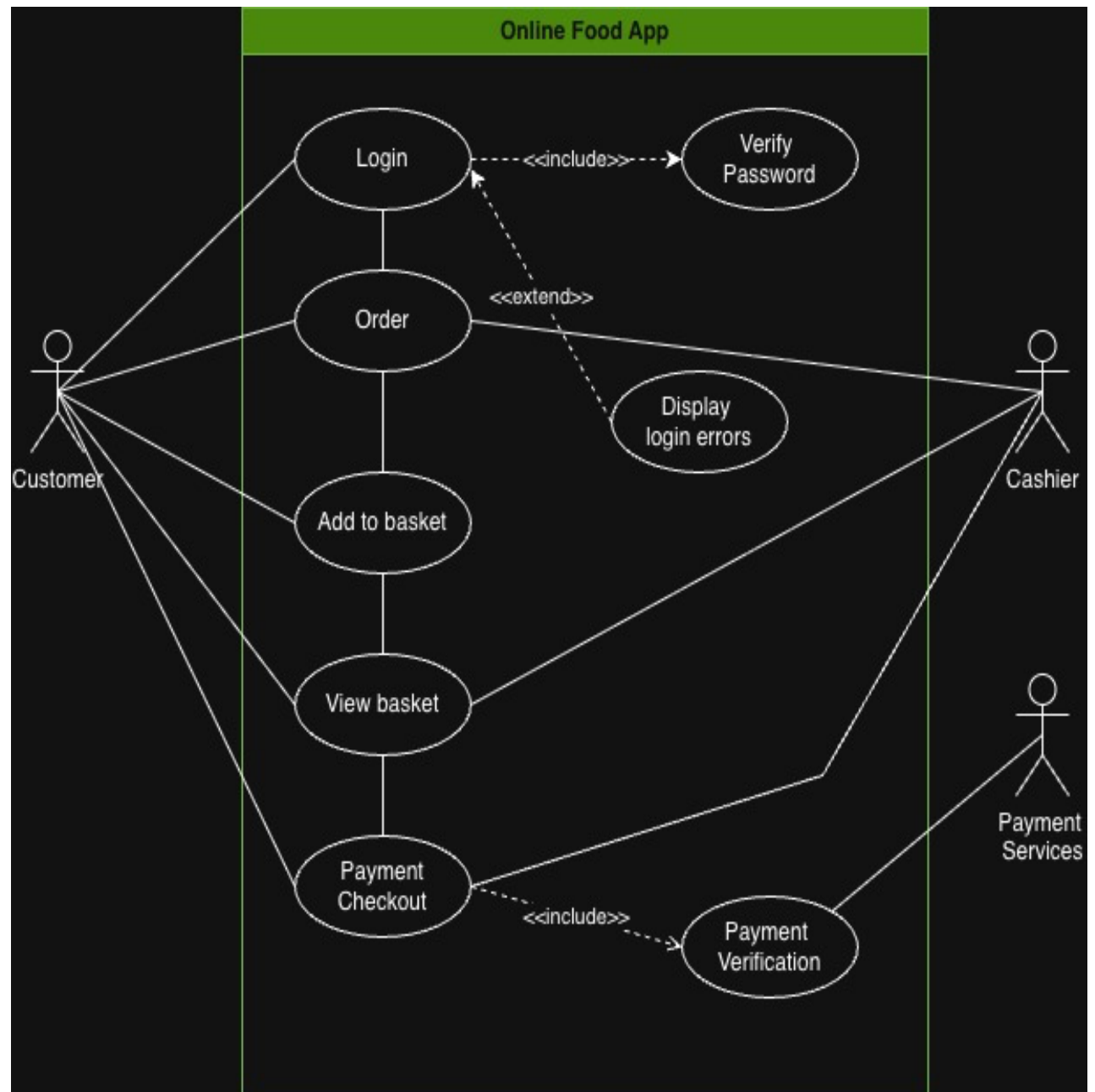

Figure 1: Use case diagram for food app

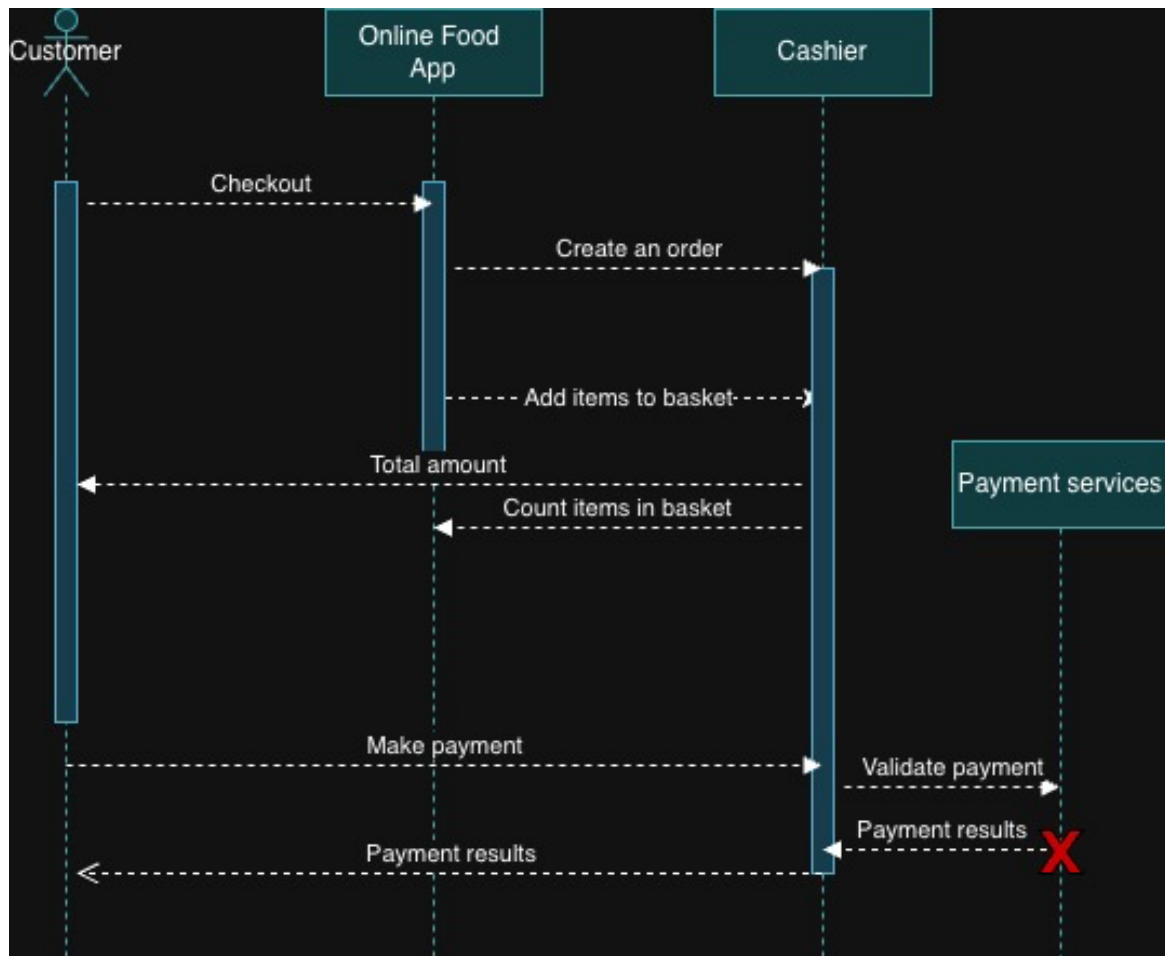## 2   Sequence diagram for Online Food Application

Figure 2: Sequence diagram for food app

3 MVC pattern responsibilities and concerns for online food application
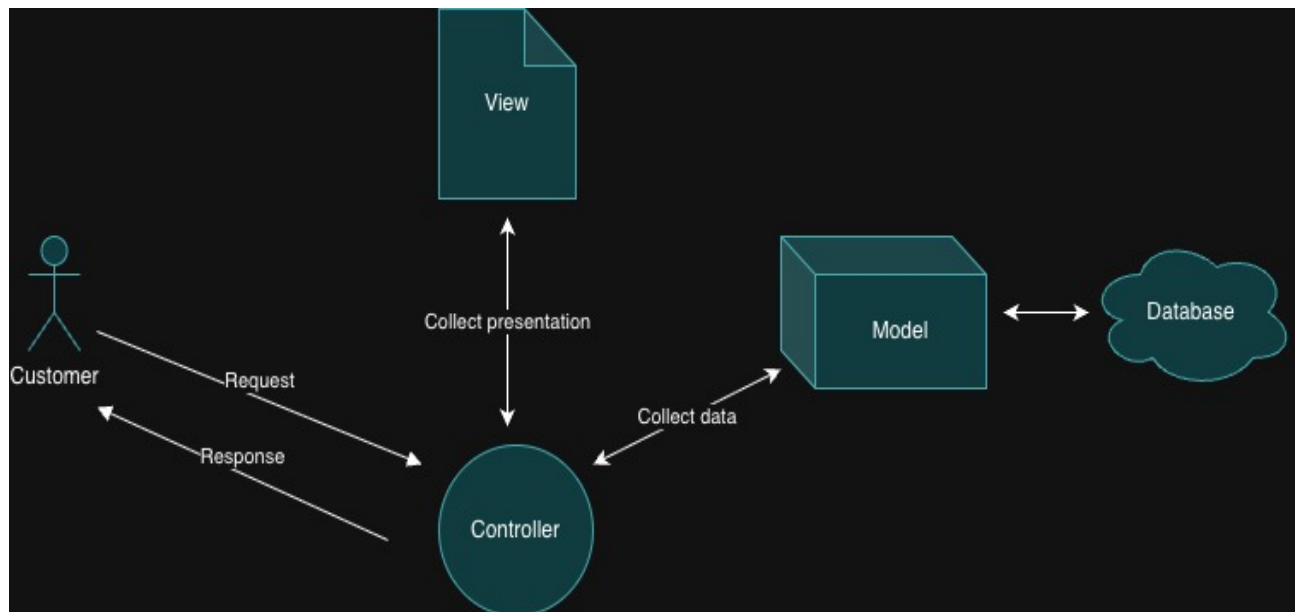

Figure 3: MVC pattern

- **Model:** Data is received from the controller then it gets processed and returns the results. In this case when the user makes an order of food, the model will process the order details (retrieved from the database) with their price calculations.

- **View:** This component will present the food menu on the food application in a read mode layout to the user. The data collected by the model will be presented to the customer.

- **Controller:** This component is considered the "middle man" between the model and the view components. It will handle and process the customer's inputs and interactions. The controller also updates the view component during the interaction.
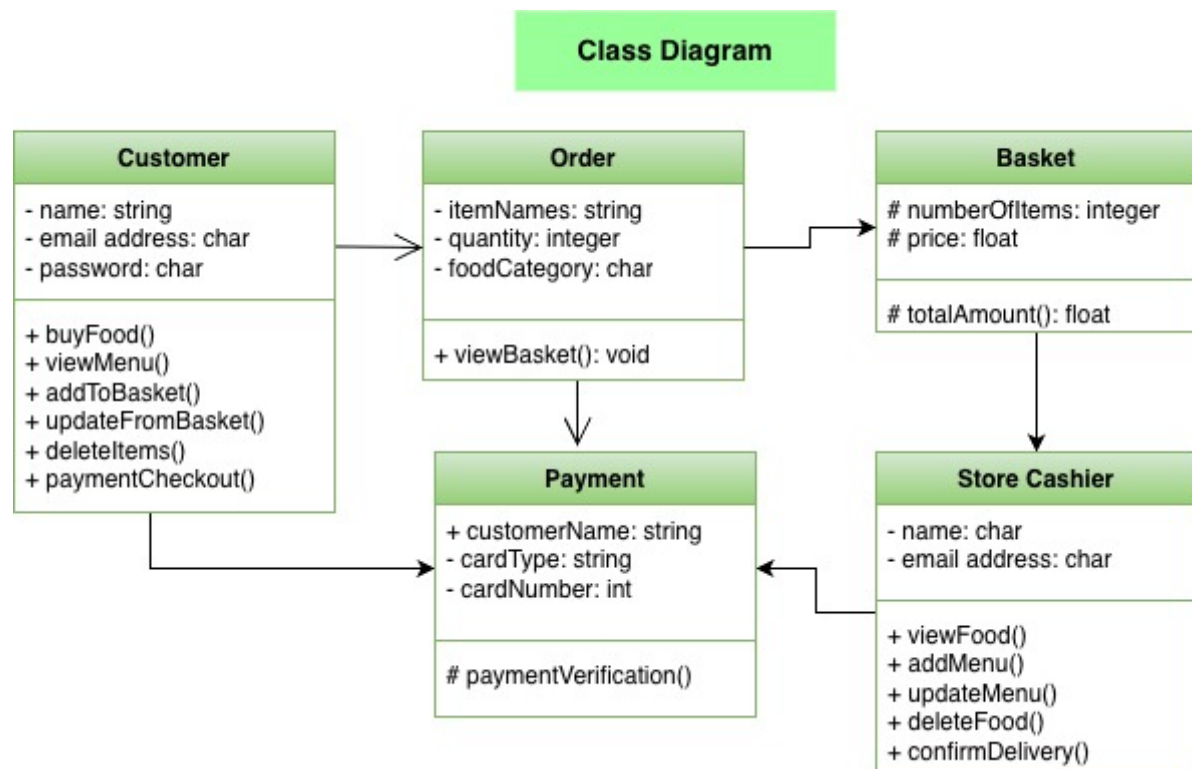
4 Class Diagram for online food application

Figure 4: Class Diagram for online food app