

Online Food Delivery Application

By: Vikas Singh

Abstract:

The Multi-Restaurant Online Food Ordering System is a comprehensive web application developed using Python and Django, aimed at facilitating a seamless experience for administrators, restaurant owners, customers, and delivery personnel. The system consists of four main modules: Administrator, Restaurant, Customer, and Delivery.

The Administrator module provides functionalities for managing the system, including adding food categories, overseeing restaurant registrations, and overseeing order management.

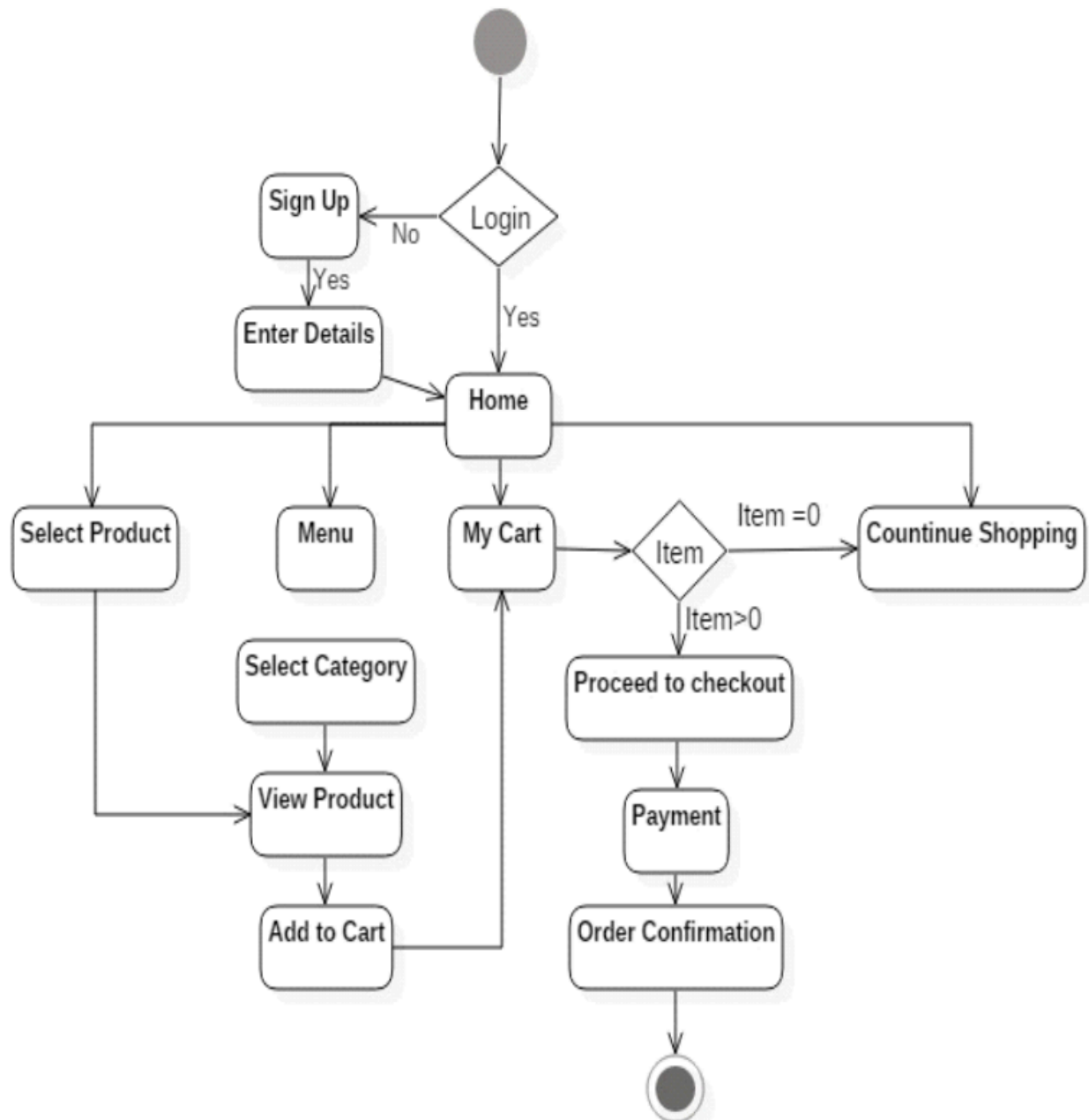
The Restaurant module allows restaurant owners to register themselves in the system, add multiple delivery personnel, and add their food items to the system under specific food categories assigned by the administrator.

The Customer module enables users to browse through multiple restaurants, add food items to their cart, and place orders. Customers can track the status of their orders in real-time.

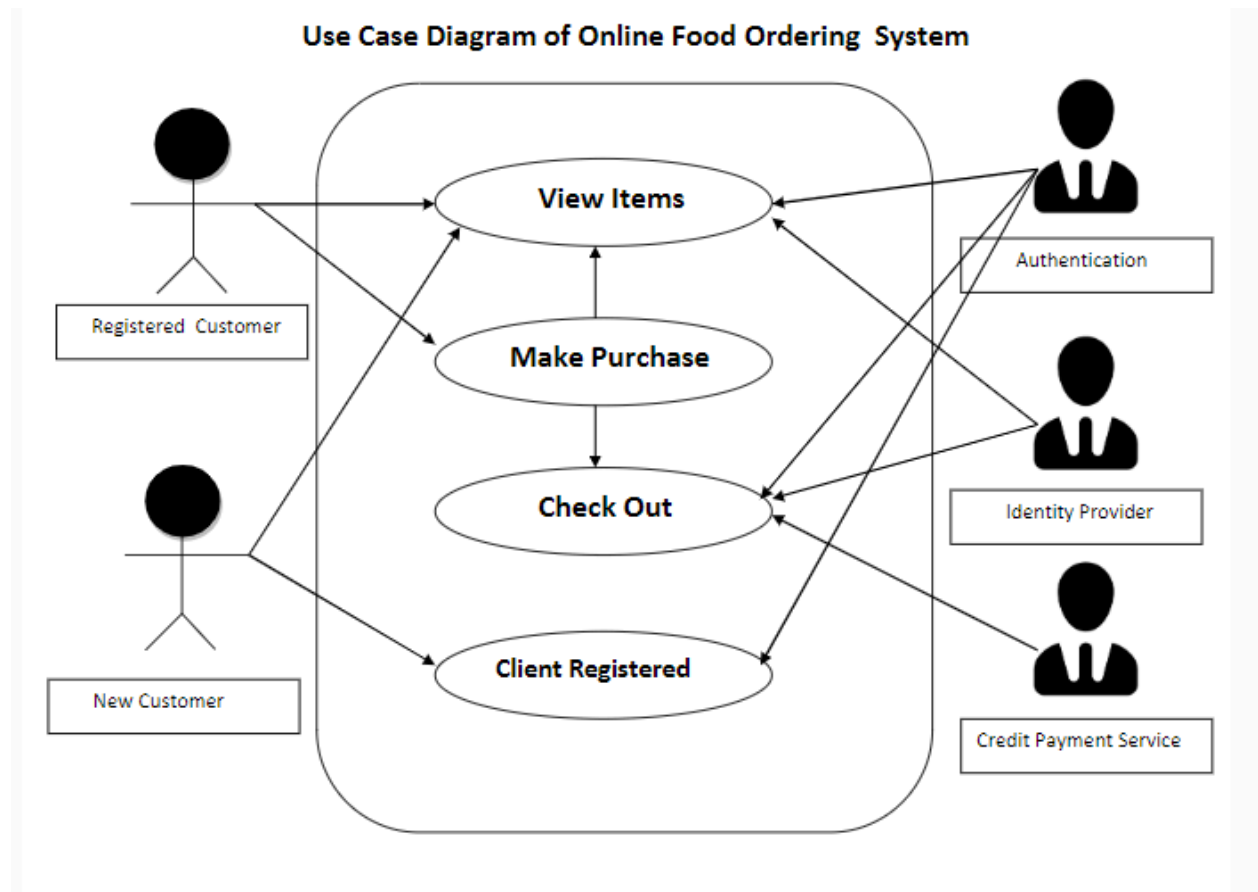
The Delivery module allows delivery personnel to view assigned orders and update the delivery status. Delivery personnel can log in to the system and update the delivery status at any time, ensuring efficient order management and tracking.

Overall, the Multi-Restaurant Online Food Ordering System enhances the efficiency of the food delivery process by providing a user-friendly interface for administrators, restaurant owners, customers, and delivery personnel.

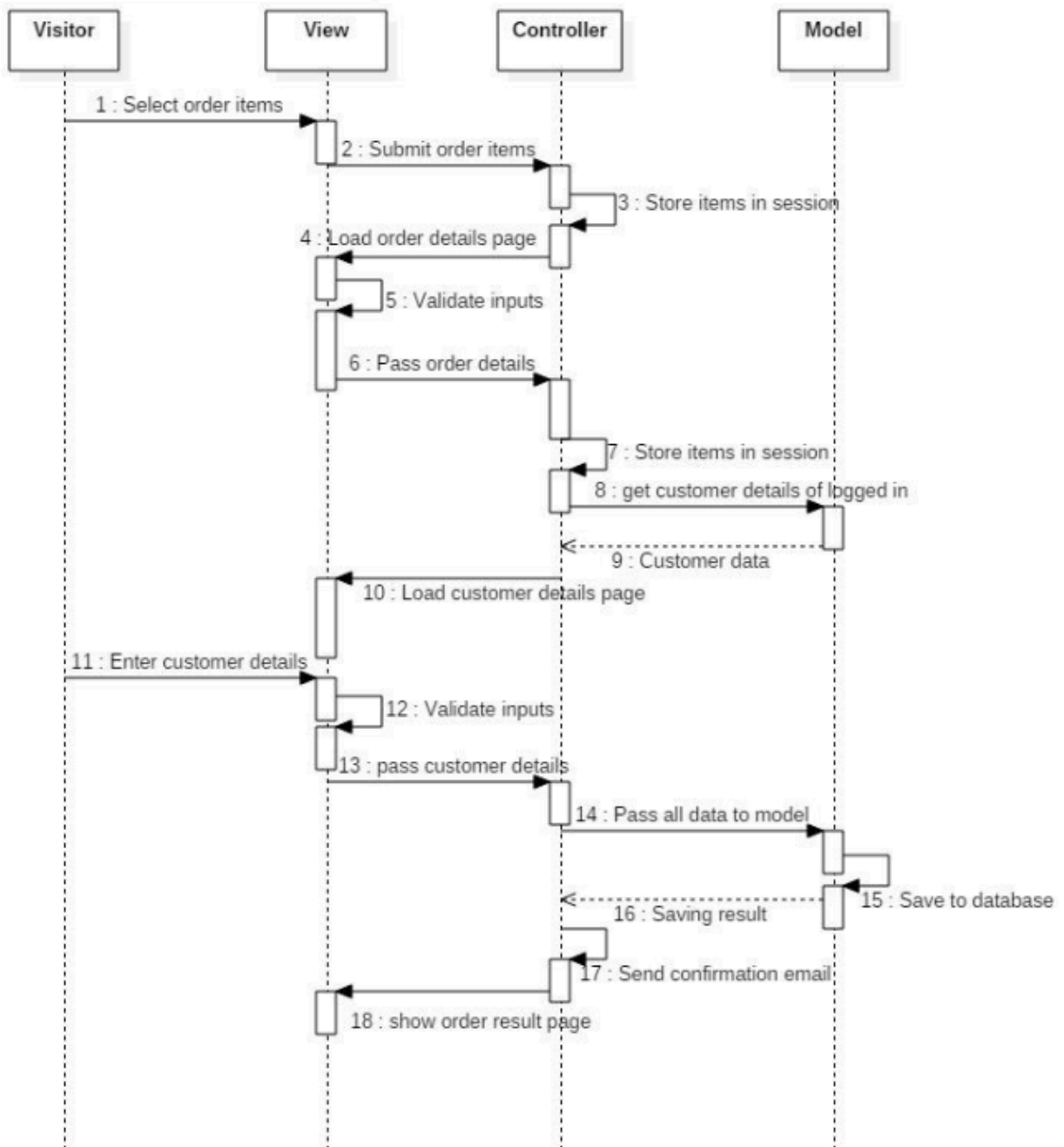
Activity Diagram



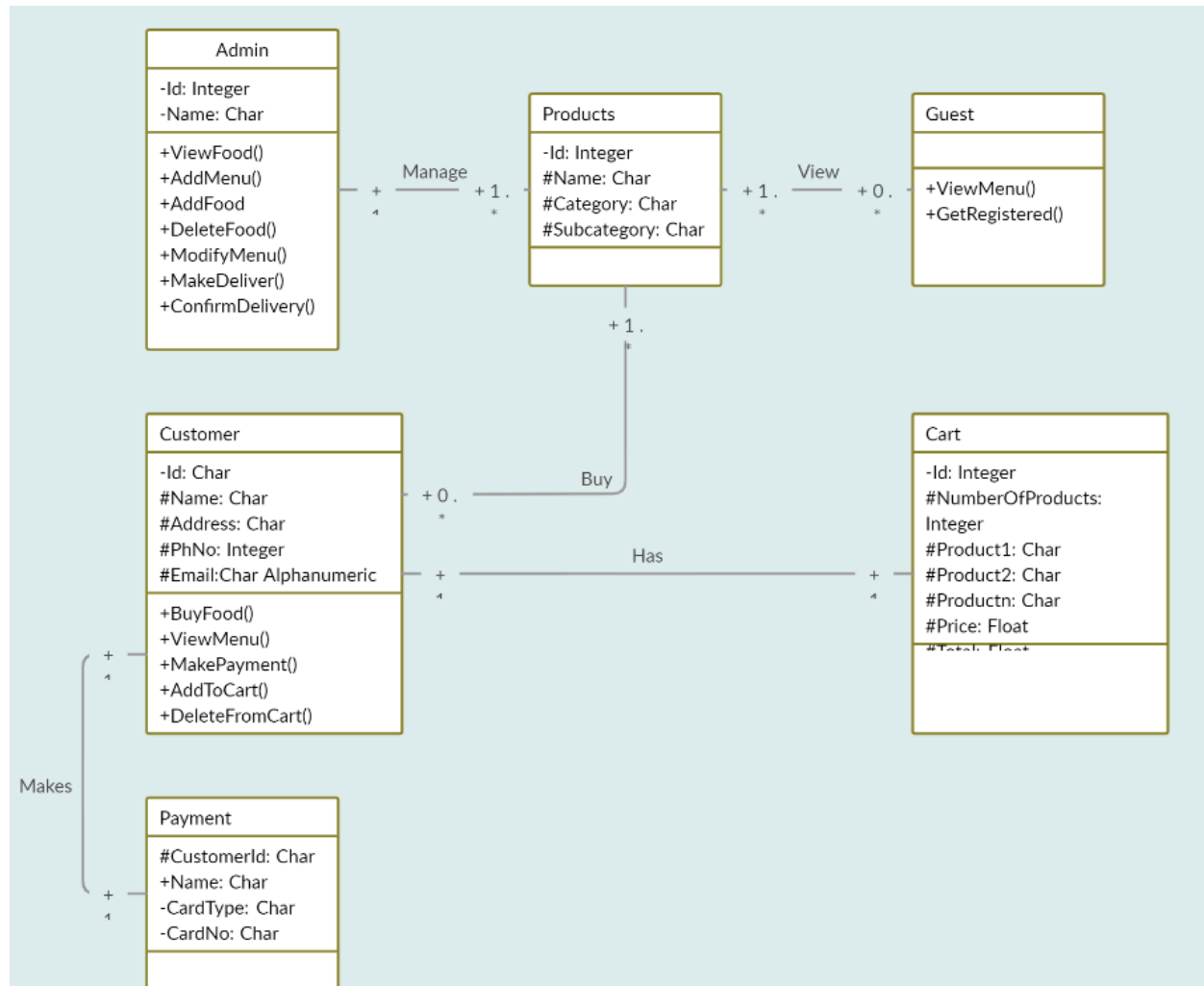
Use Case Diagram



Sequence Diagram

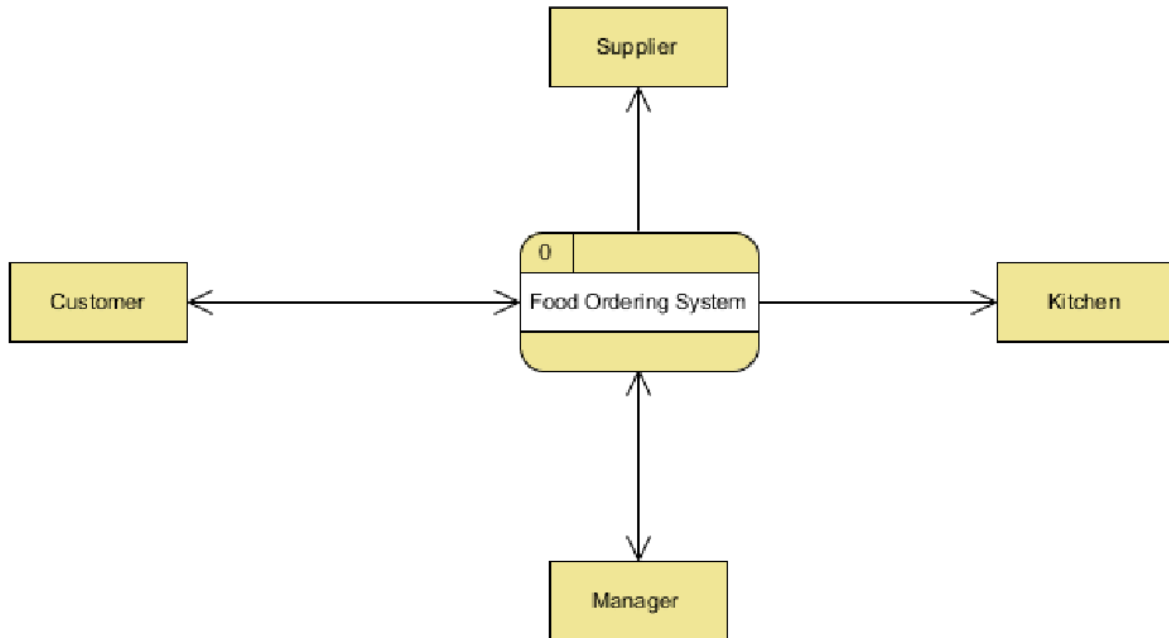


Class Diagram

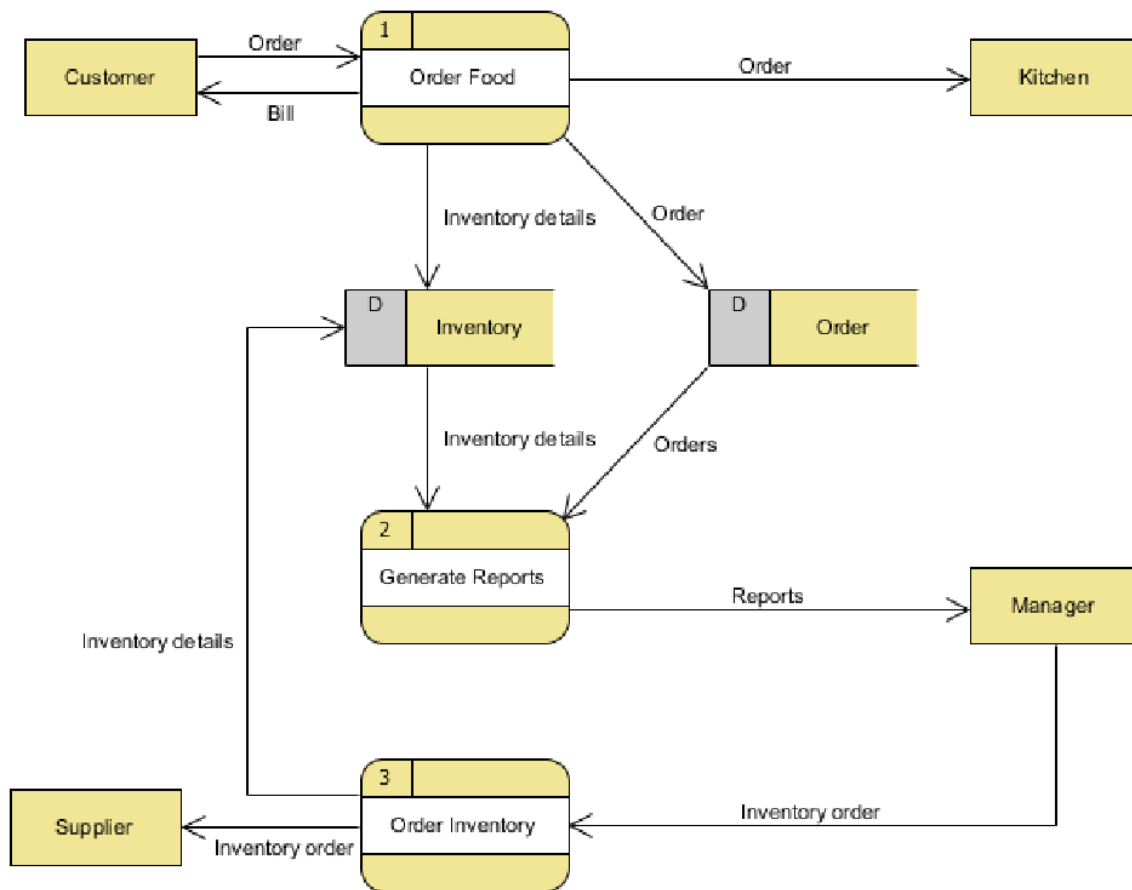


Data Flow Diagram

Level 0



Level 1



HardWare Requirement:

1. Desktop
2. Min Ram 1 GB
3. Min Storage 100 GB

SoftWare Requirement

1. Operating System
2. Python 3.7 or greater,
3. Django 3.1 or greater