RESTAURANT BUSINESS MODEL

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SECTION: AM

SE LAB
FINAL PROJECT

DESCRIPTION:

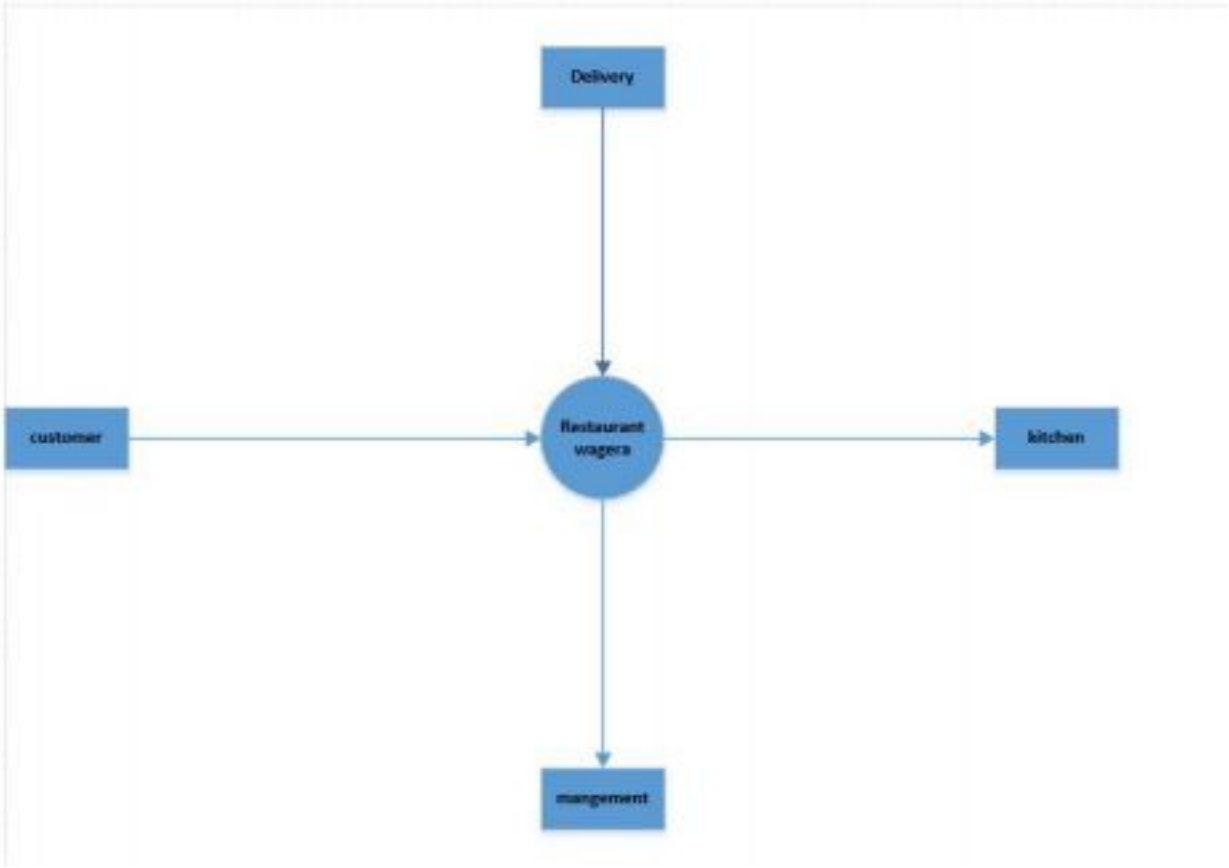
The Restaurant Management System helps the restaurant manager to manage the restaurant more effectively and efficiently by computerizing meal ordering, billing and inventory control. This management system is designed for a Chinese Restaurant and the interface will be in Chinese.

The system processes transaction and stores the resulting data. Reports will be generated from these data which help the manager to make appropriate business decisions for the restaurant. For example, knowing the number of customers for a particular time interval, the manager can decide whether more waiters and chefs are required.We propose to build a software project that can efficiently handle and manage various activities of a restaurant and all these activities will be happening under the supervision of the administrator. The businesses in restaurants are now growing constantly. At the same time, the need for managing its operations and tasks arises. The best way to optimize these activities is growing the business online as well. Today's generation encourages high-tech services especially over the Internet. Hence the project is developed proficiently to help restaurant owners automate their business operations. This project serves the best way of maintaining customer's information and caters their needs.

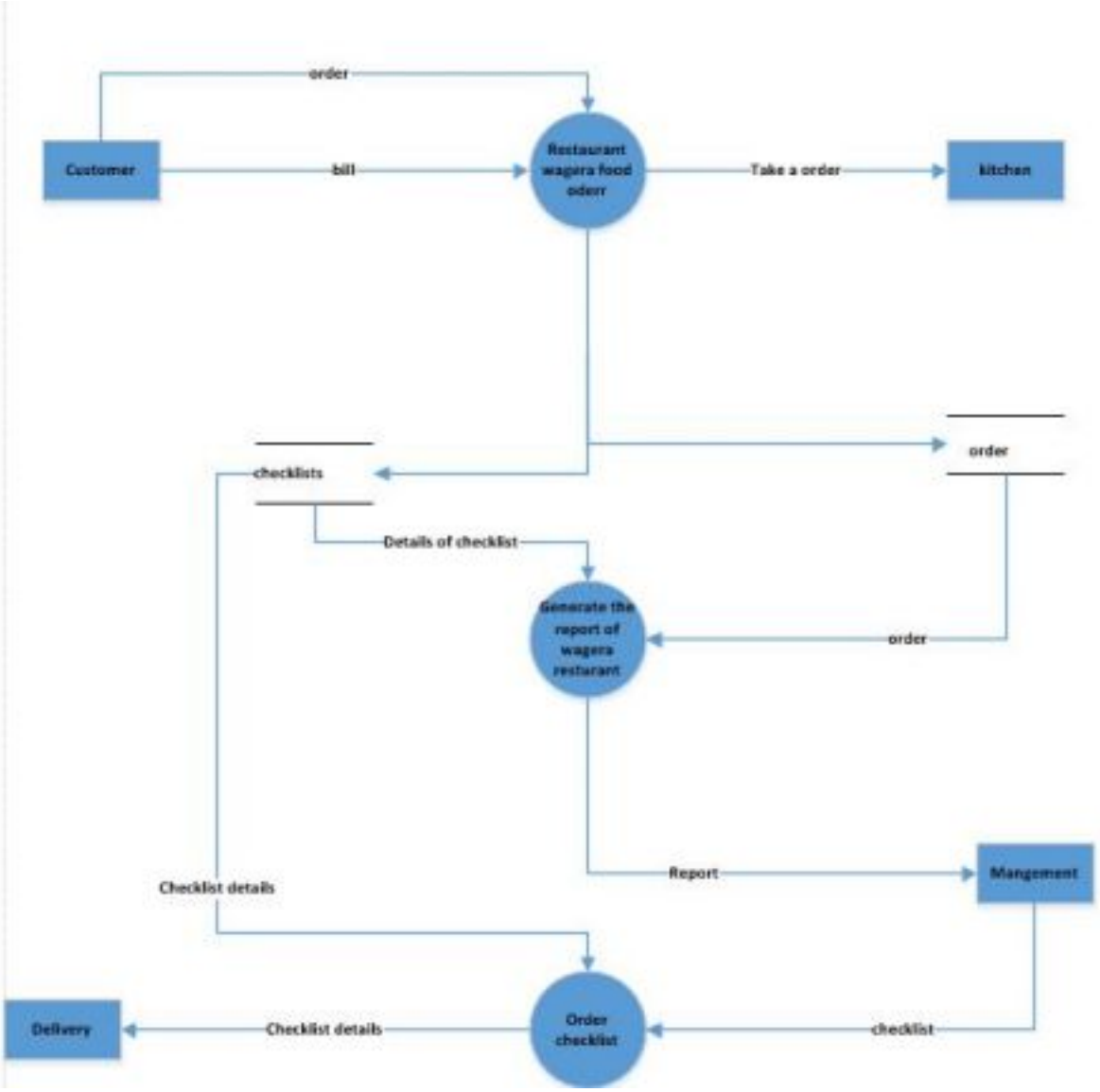
DATA FLOW DIAGRAM

Restaurant business model system data flow diagrams are often used as a preliminary step to create an overview of the restaurant without going into detail.

LEVEL 0:

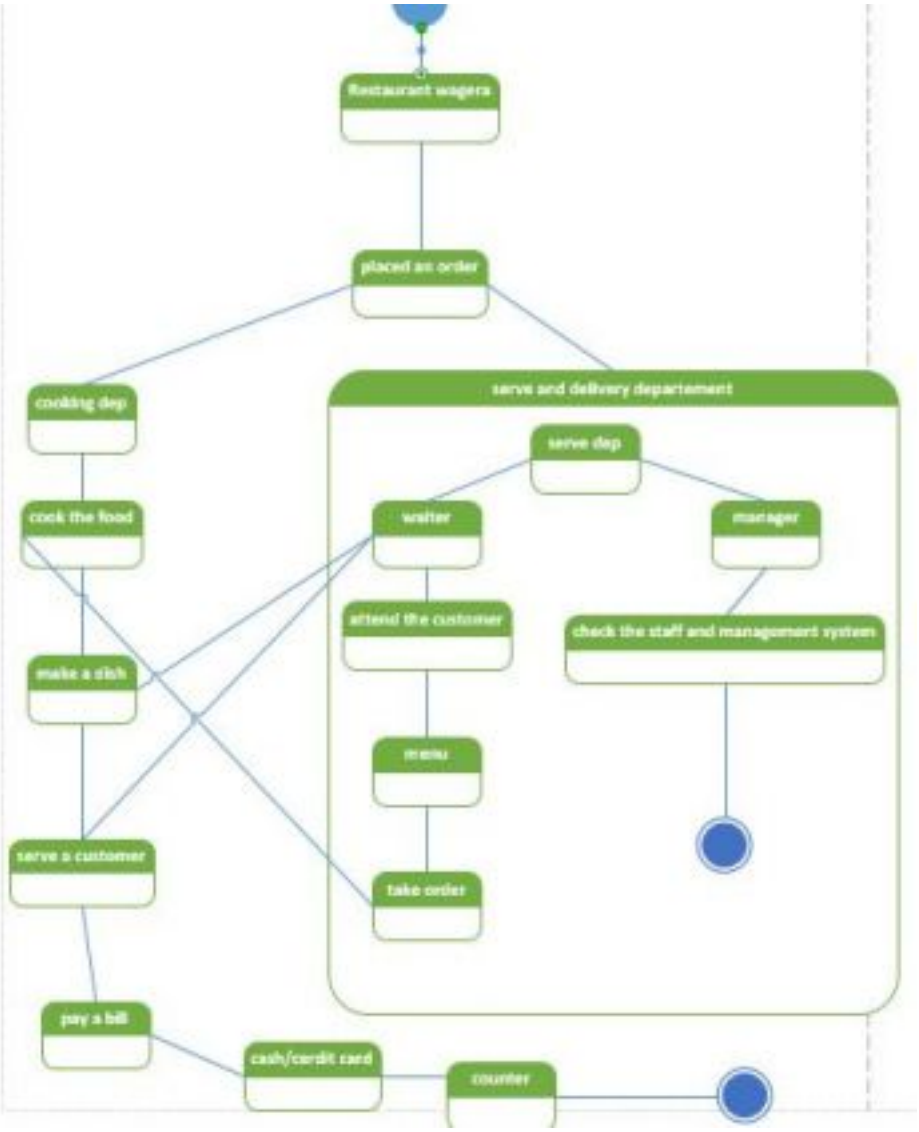


LEVEL 1



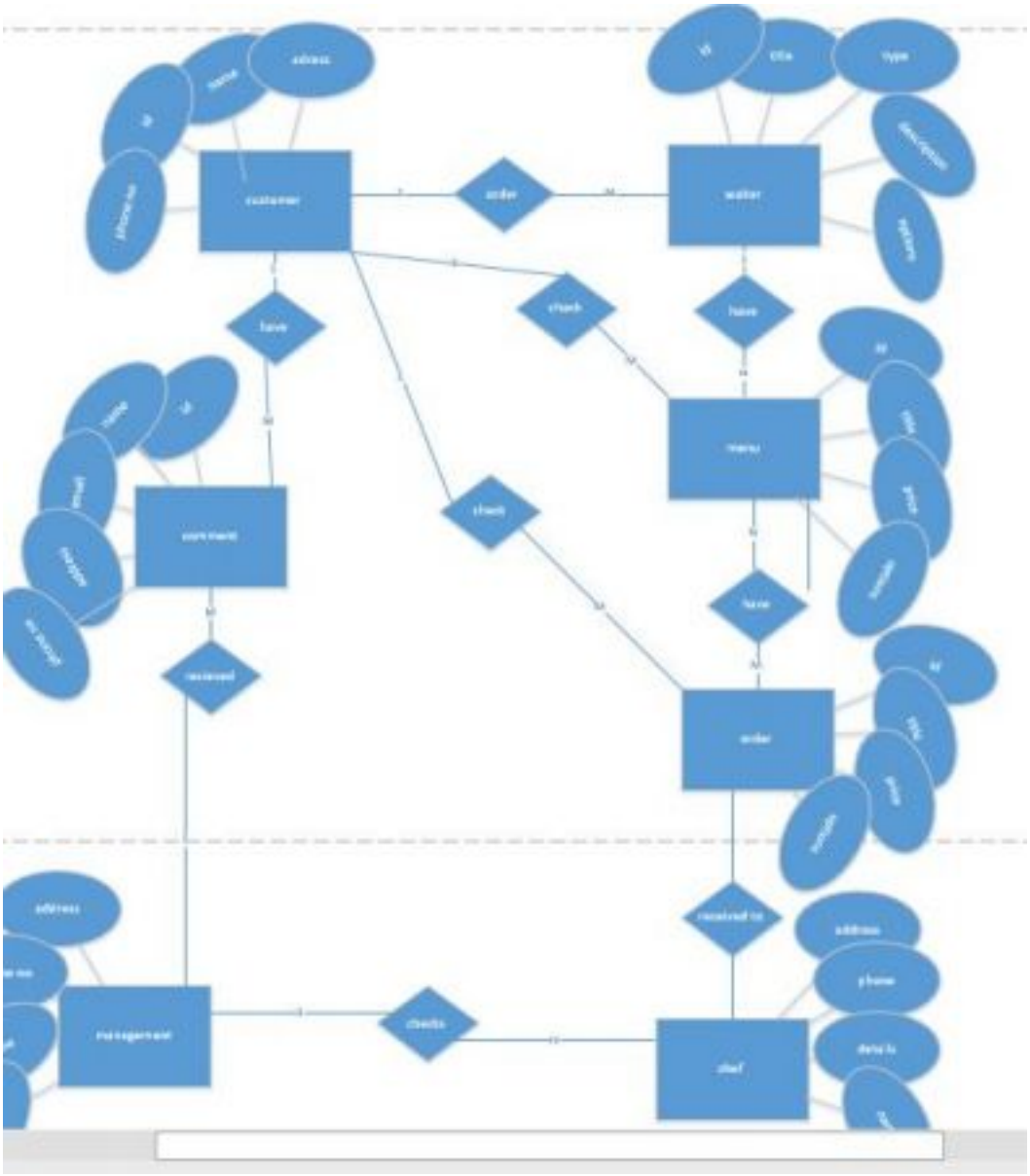
STATE MACHINE DIAGRAM

In this state diagram machine a customer entering the restaurant wagera and placed an order so here is all the system describe in the diagram how he get his ordered food.



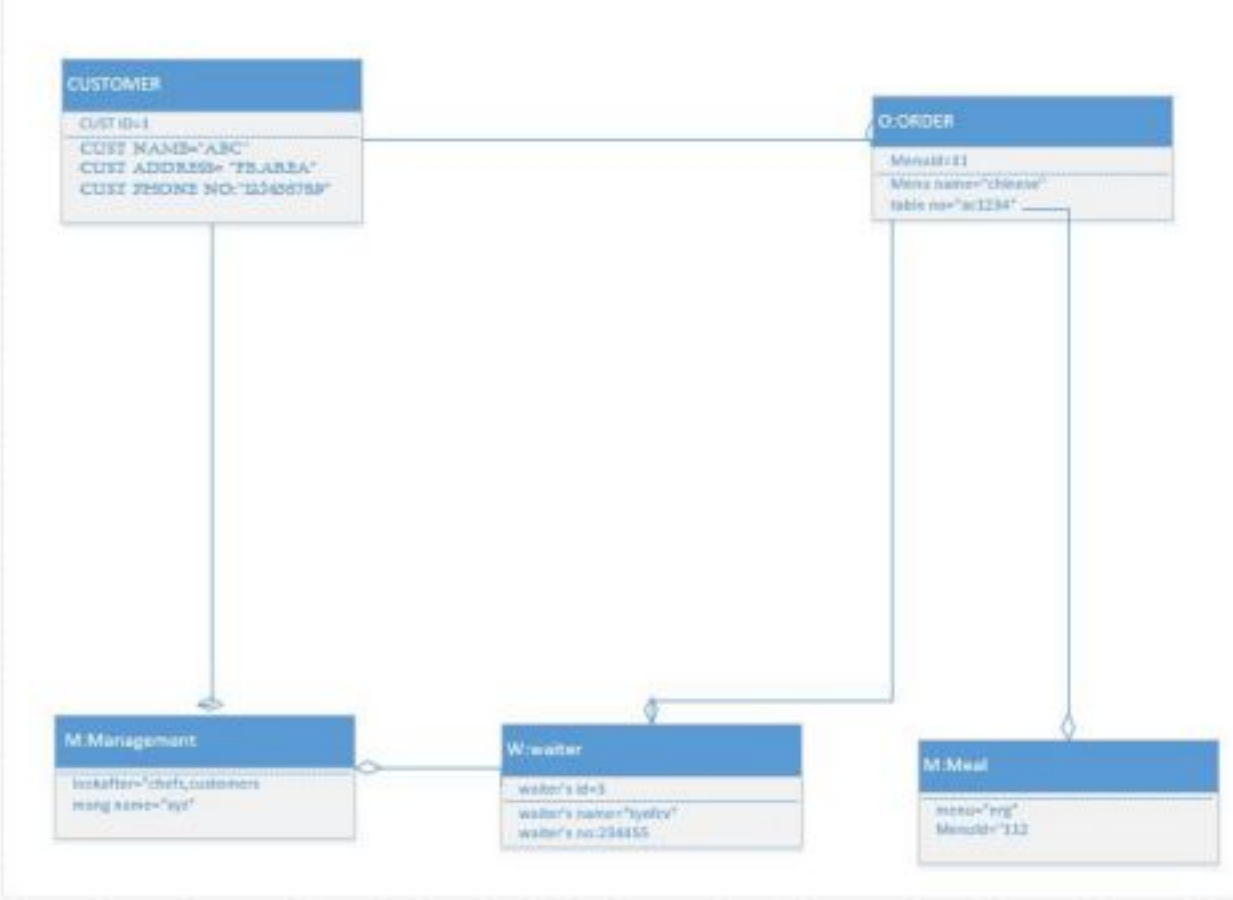
ENTITY RELATIONSHIP DIAGRAM

IN THE DIAGRAM IT SHOWS THE PROCESS OF RELATIONSHIP BETWEEN CUSTOMER,MANAGER, CHEF AND A WAITER.



OBJECT DIAGRAM

In this diagram a customer placed an order so here is all the system describes in the diagram how he gets his ordered food.



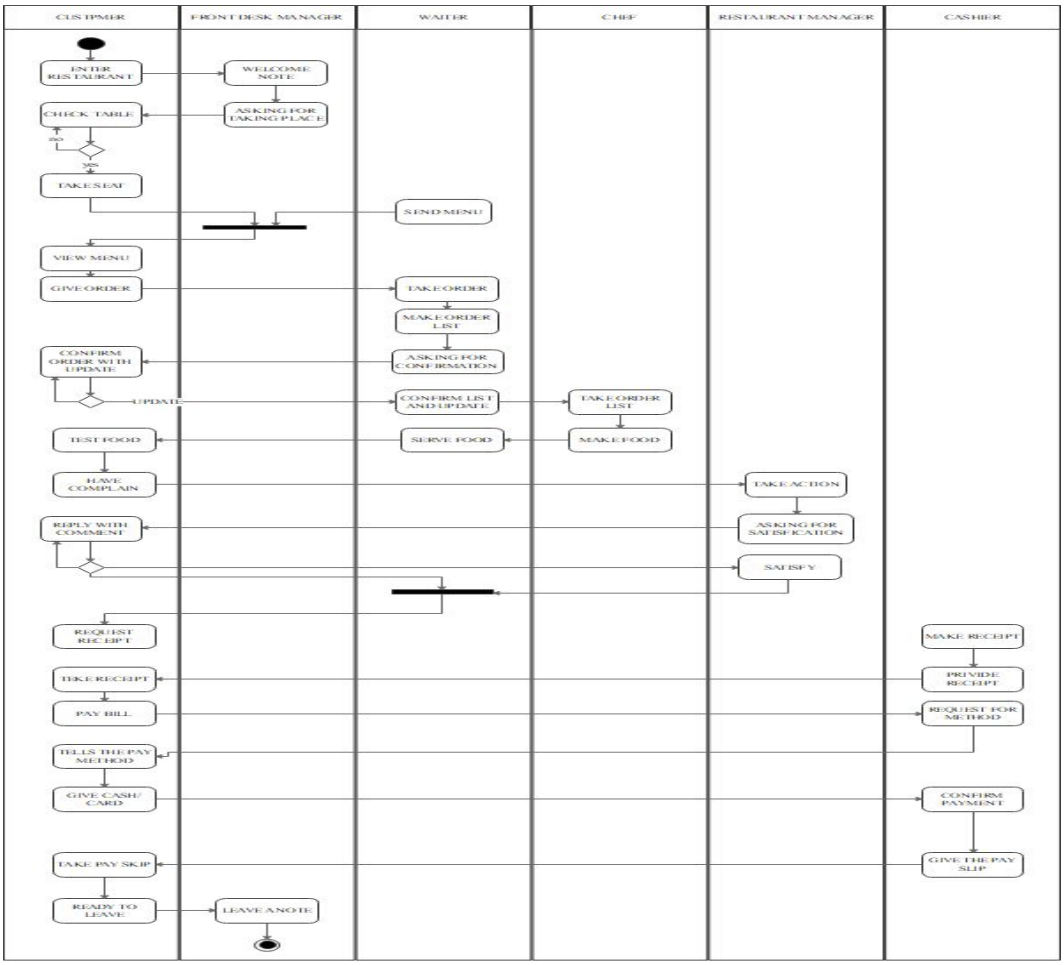
CLASS DIAGRAM

Class diagram is a static diagram. It represents the static view of an application. Class diagram is not only used for visualizing, describing, and documenting different aspects of a system but also for constructing executable code of the software application.

This diagram shows classes identified within the Restaurant Order System. It describes relationships between menu, meals, orders and employees

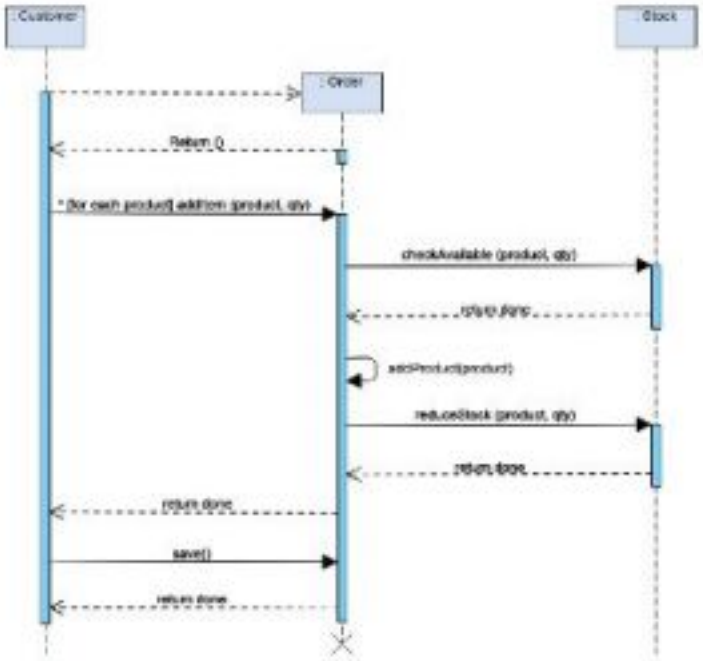
ACTIVITY DIAGRAM:

Restaurant Activity Diagram (Activity Diagram (UML)) Use Creately’s easy online diagram editor to edit this diagram, collaborate with others and export results to multiple image formats. We were unable to load the diagram. You can edit this template and create your own diagram.



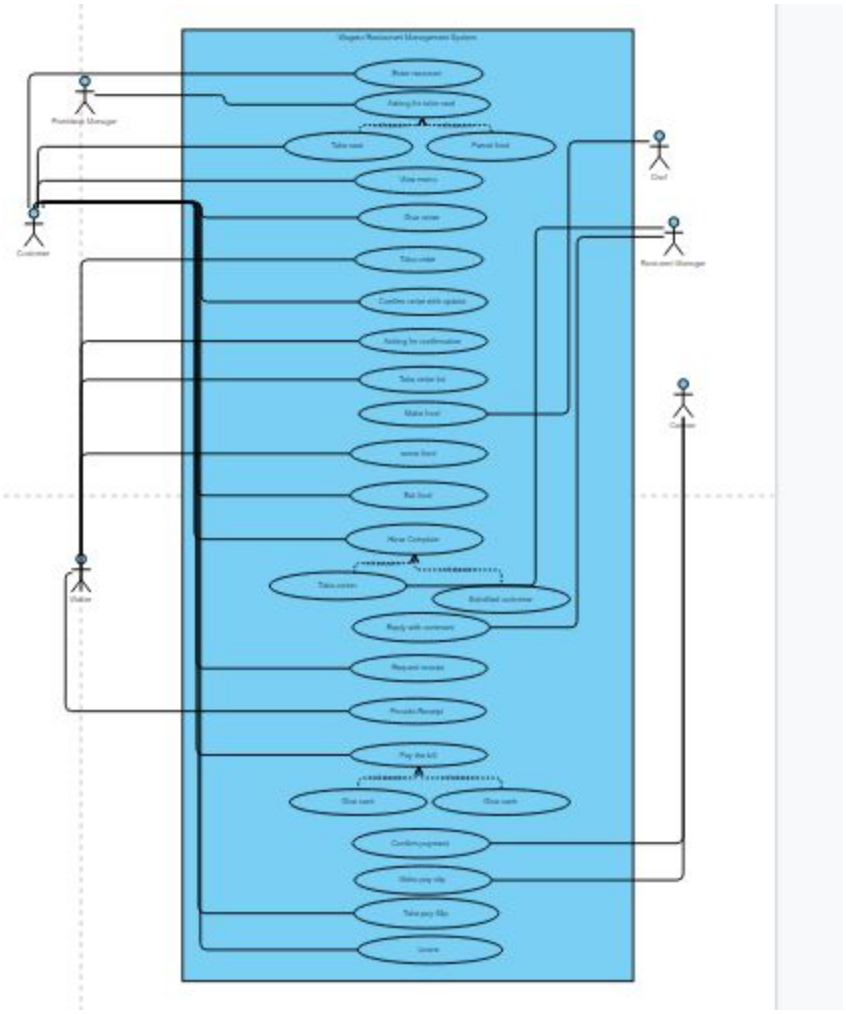
SEQUENCE DIAGRAM:

Sequence diagrams, commonly used by developers, model the interactions between objects in a single use case.



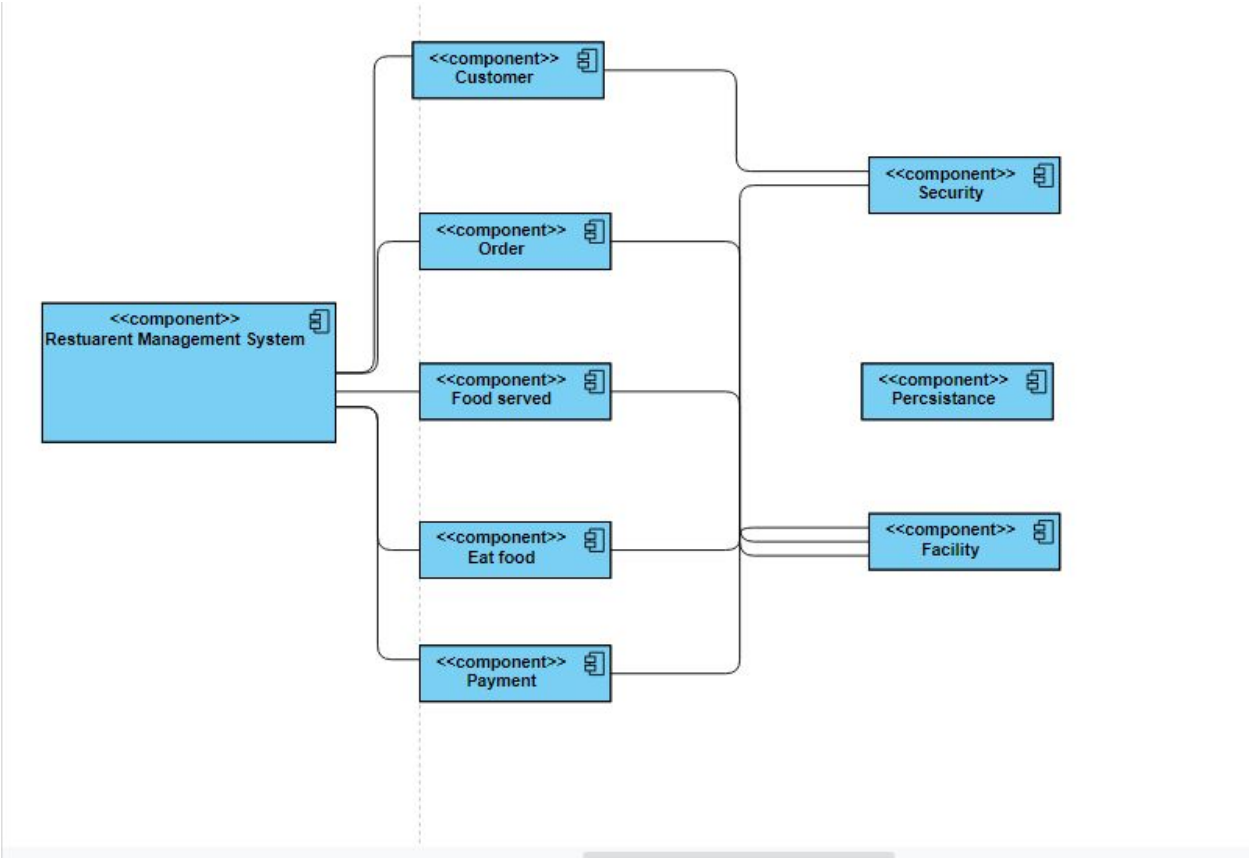
USE CASE DIAGRAM

use case diagram is usually simple. It does not show the detail of the **use** cases: It only summarizes some of the relationships between **use** cases, actors, and systems.



COMPONENT DIAGRAM

A component diagram, also known as a UML component diagram, describes the organization and wiring of the physical components in a system. Component diagrams are often drawn to help model implementation details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Order
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Food served
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Eat food
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Payment
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Restuarent Management System
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Security
<<component>>
Percsistance
<<component>>
Facility