

Project: COFFEE SHOP MANAGEMENT SYSTEM

Requirements

Language: HTML, CSS and basic Javascript

1.Data requirement

The Input consist of the query to the database and the output consists of the solutions for the query . In this project the inputs will be the queries like create an account , selecting coffee and paying bill . Now the output will be visible when the user requests the server to get details of their accounts in the form of ordered , unordered and cancelled coffees.

2.GUI

The software provides good graphical interface for the user and the admin can operate on the system, performing the required task such as create, update ,viewing the details of the coffee.
The design should be simple and all the different interfaces should follow a standard template

Other non-functional requirements

• Security Requirement

- Normal users can just read information but they cannot edit or modify anything except their personal and some other information
- No one should be hack users' password
- Safe payment methods

• Business Requirement

A business rule is anything that captures and implements business policies and practices . A rule can enforce business policy, make a decision ,or infer new data from existing data .This includes the rules and regulation that the system user should abide by .This includes the cost of the project and the discount offers provided .The users should avoid illegal rules and protocols. Neither admin nor member should cross the rules and regulations.

- **Software Quality Attributes**

The system should be reliable and maintainable. The system should be designed and coded in a way that makes it easy to update and maintain. The system should be tested thoroughly to ensure its quality

- **Marketing and advertising skills**

This system should be able to create effective marketing and advertising strategies to attract Customers and promote the business. This may include developing promotions and advertisements on different social media platforms.

VISION OF COFFEE SHOP MANAGEMENT SYSTEM

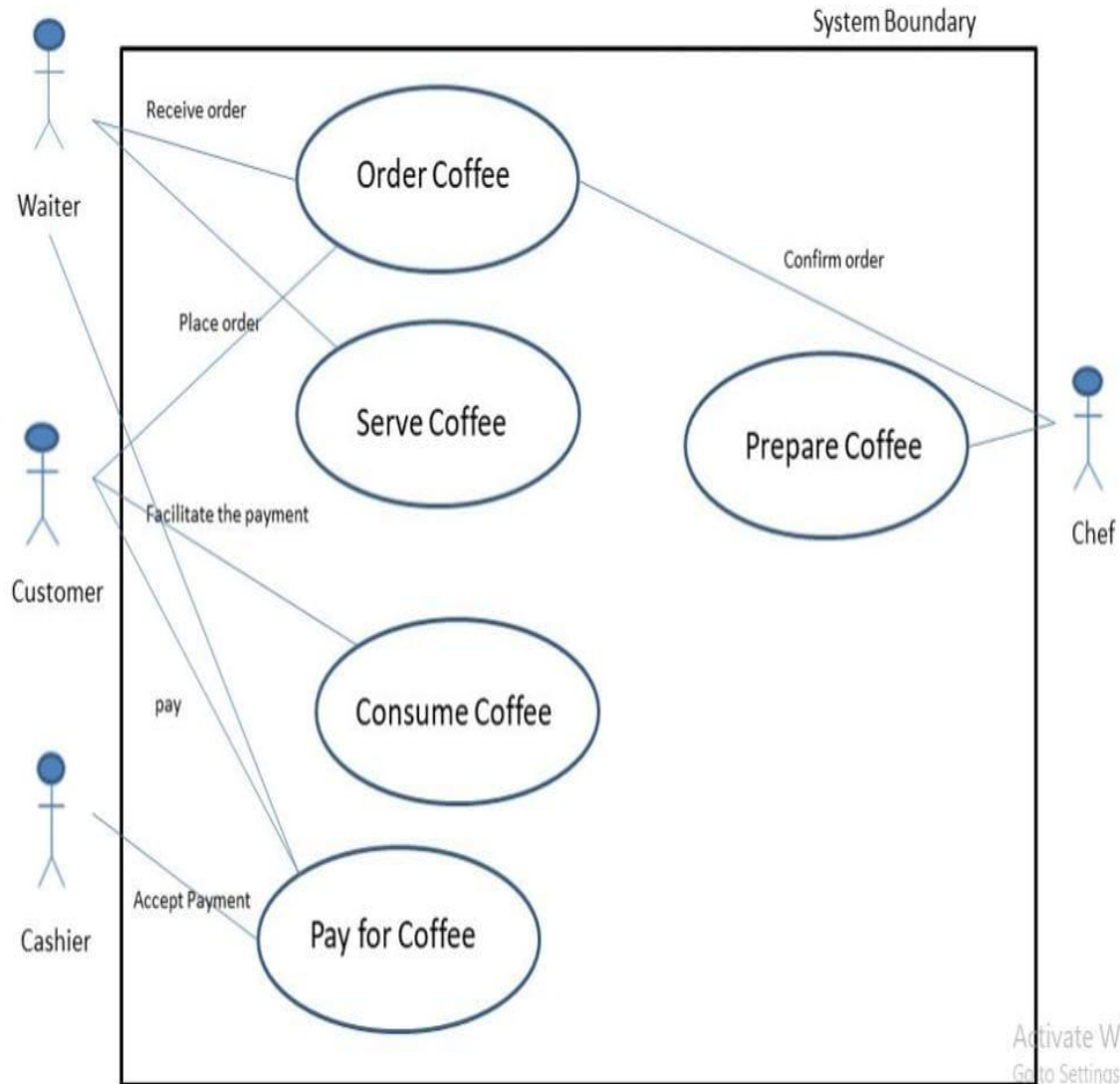
- In terms of the vision for a coffee shop management system, it should aim to provide coffee shop owners and managers with a complete solution that improves their overall efficiency, productivity and profit.
- The system must be user friendly and easily accessible to authorized person, allowing users to easily input data
- Our coffee management system must have real – time data so that owners and managers make informed decisions about their operations such as which menu items are selling well etc.

OBJECTIVE

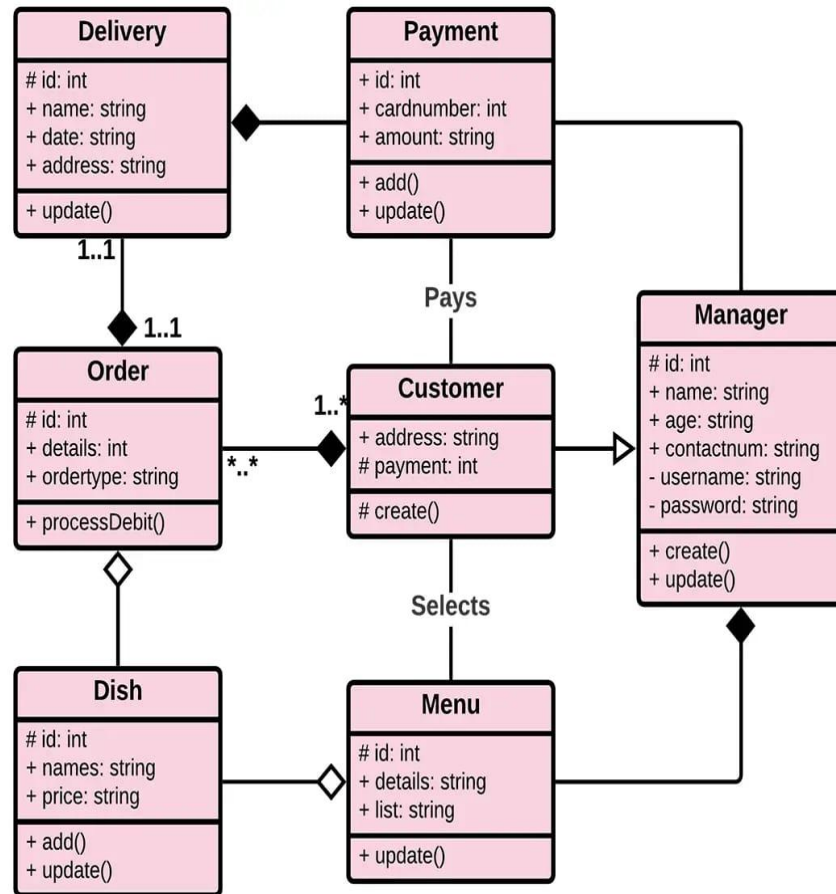
Main objective of coffee shop management system is to provide coffee online. There is no need to go on a shop and buy coffee. One can select their coffee according to their favourite flavours and can also do online payments through any payment methods.

Increasing sales as it provides a valuable awareness of sales trends and it also tells customer preference to a specific products. By analysing this data, coffee shop manager can make crucial decisions that lead to increased sale.

USE CASE DIAGRAM



UML DIAGRAM



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