Software Requirement Specification
For
Pizza Thirst Satisfied

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1.Introduction:

Online Pizza delivery system is a web-based application which enables customers to order their pizzas online for home delivery or pick up from the pizzeria. The main advantage of online pizza delivery system is that it greatly simplifies the ordering process for both the customer and the restaurant. When the customer visits the ordering webpage, they are presented with an interactive and up-to-date menu, complete with all available options and dynamically adjusting prices based on the selected options. After making a selection, the item is then added to their order, which the customer can review the details of at any time before checking out. This provides instant visual confirmation of what was selected.

This system also greatly lightens the load on the restaurant's end, as the entire process of taking orders is automated. Within this application, all items in the order are displayed, along with their corresponding options and delivery details, in a concise and easy to read manner. This allows restaurant employees to quickly go through the orders as they are placed and produce the necessary items with minimal delay and confusion.

1.1Purpose:

The purpose of this document is to present a detailed description of the Web Publishing System. It will explain the purpose and features of the system, the interfaces of the system, what the system will do, the constraints under which it must operate and how the system will react to external stimuli. This document is intended for both the stakeholders and the developers of the system.

2.Scope:

Online Pizza delivery system is an online web application that permits new users to place their orders online. It will increase in sales, due to the easy to use order online website.

3.Objectives of Online Pizza Ordering System:

The main objectives of this ordering system are:

3.1 Build your own pizza:

This system will help customers in ordering custom pizzas. So the customer will pick exactly the things which he/she wants in their pizza.

3.2 Online Payment:

This system will give the option to the customer for online payment.

3.3 Better Knowledge:

This system will provide customer all the details of his order before making the order. This confirmation will help customers to check the items ordered with their prices.

3.4 Know Delivery Time:

Delivery Systems will show the time by which the order will be delivered to the customer. For pick-ups, customers can fix the time by which they will pick their order.

3.5 Reduce Paper Work:

As most of the things will be performed online, it will reduce the usage of paper for the pizzeria.

3.6 Improves Efficiency:

It will make things easier for staff as whole ordering process is done by the customer only.

3.7 TECHNOLOGIES USED

Java

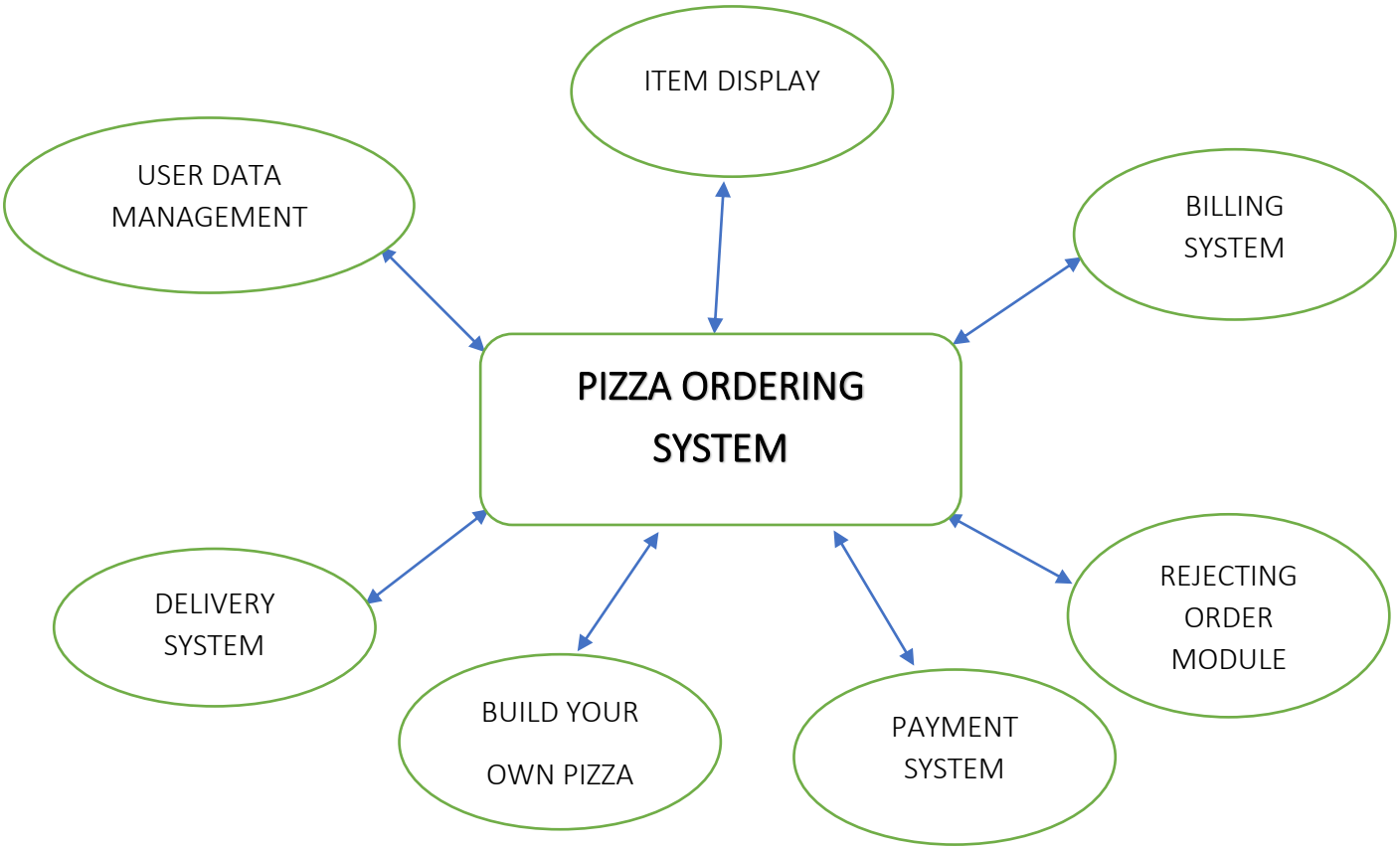
Oracle

React

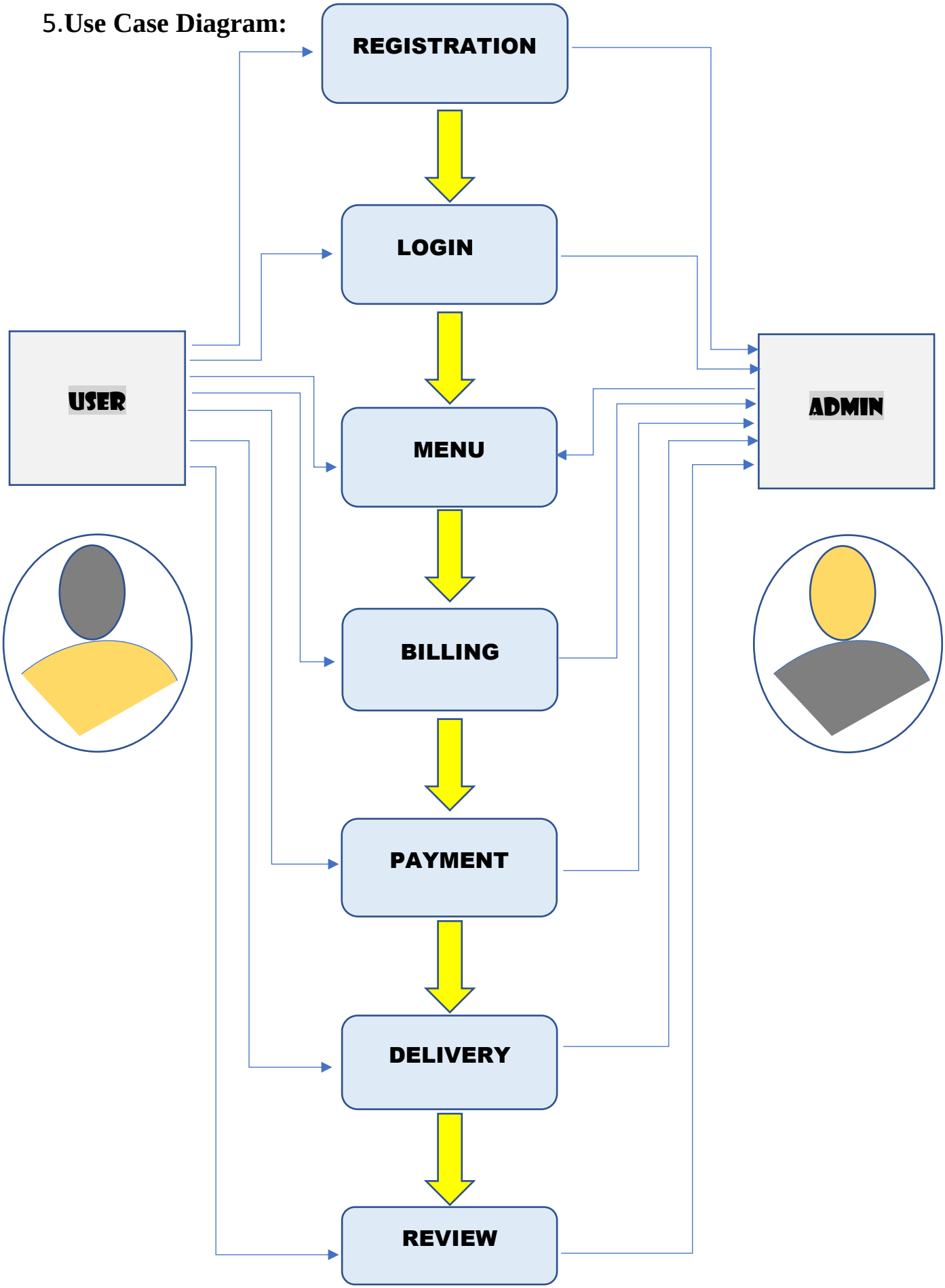
HTML

CSS.

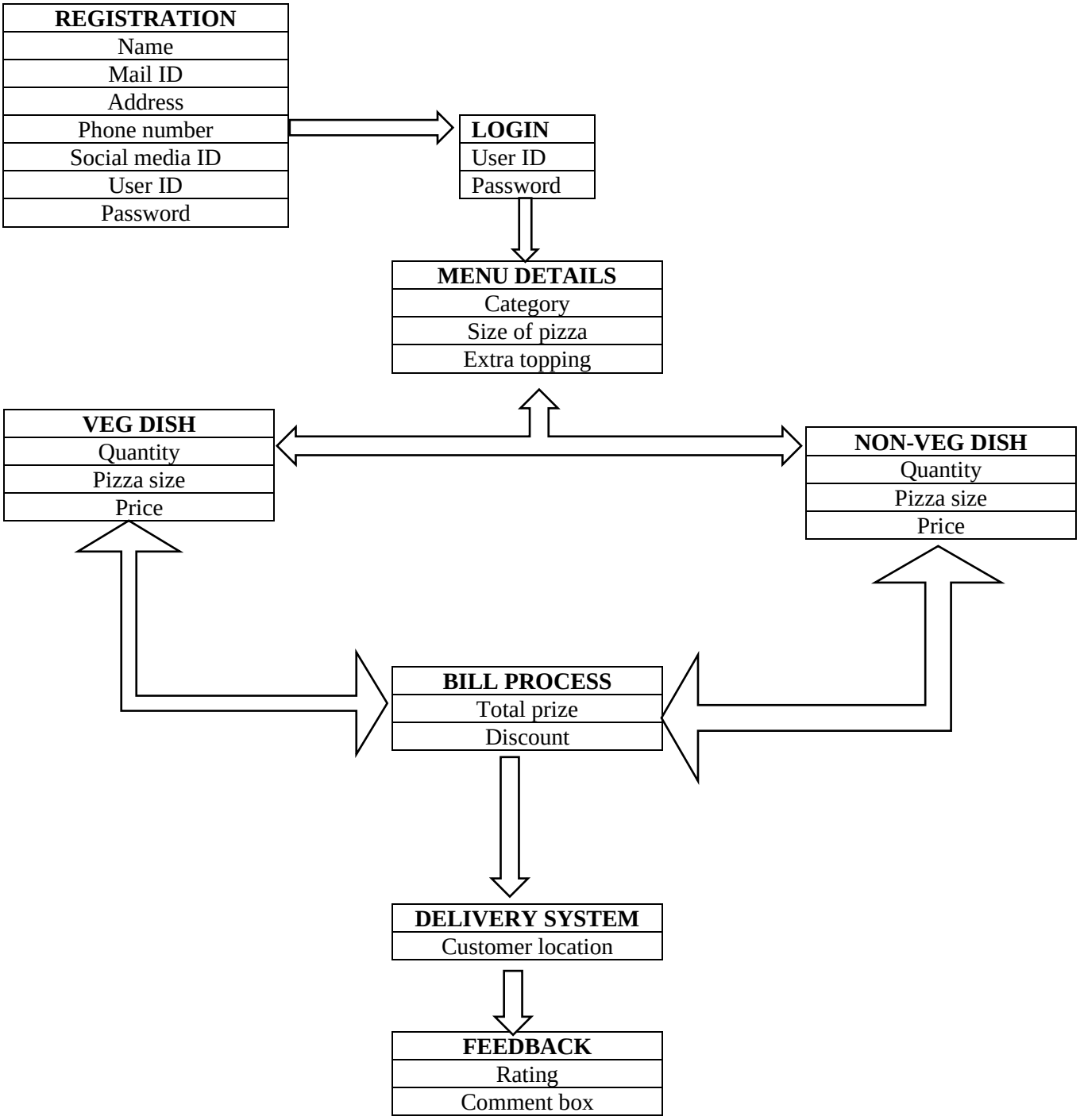
4 List of impacted modules & Systems:



5.Use Case Diagram:



5.1 Sequence diagram :



6. Functional Requirements:

User Data Management:

This system will provide the interface for customers to order their pizzas:

6.1 Login/Sign-Up:

- When a customer visits the online pizza ordering system of any pizza, he will be asked to log in or sign up for them. The customer has to create a unique username and a password. Then he /she need to enter details like Name, phone number, address. After these steps account of that customer will be created.
- Now, the customer can login with ID and password which has created recently.

7. Item Display:

- The module will provide customers a menu in which all the pizzas and non-pizza items will be shown with their prices.
- The ingredients in this pizza can be changed according to the customer's interests. The customer can select any pizza from the menu.

7.1 Build Your Pizza:

- This system provides the options to create your custom pizzas with everything of your choice.
- The customer will get an option to select the pizza's size which can be small, medium, or large.
- Then the system asks the customer whether to add cheese or not. He also has an option to select extra cheese.
- At last, the system shows the customers different types of toppings. Firstly, the customer has to choose between veg. and non-veg toppings. Suppose you selected veg., then different options like pineapple, mushrooms, olives, etc. are shown.

7.2 Add to Cart:

This feature is useful in a situation where you have to order more than one pizza or other non-pizza items.

8.Payment System:

- This system mainly used to validate the payment details.

- There will be basically 2 payment options i.e. online payment using Credit/Debit cards and Internet banking or Cash on delivery. Before making payment, your order details are shown and confirmed. This system makes transactions easier as the need to pay with cash is not there.

9. Rejecting Order:

If customer changes his mind or due to some other reasons, he needs to cancel the order which he placed earlier. At that time, this module will take care of everything which is related to cancellation.

10. Billing System:

This system will generate the Invoice for all the items when the pizza is shipped from the place.

11. Delivery System:

- After the order is prepared the available delivery staff is handed over the orders with their address. When the delivery staff leaves for delivery the status of the order is updated to 'Out for Delivery' and the customer is notified. When the delivery staff delivers the order successfully, he updates the order status to 'Delivered'.

- If he fails to deliver the order due to any reason, the status is updated to 'Delivery Failure'.

12. Administration:

The administration module is equally important in the functioning of this system. The user is of this module is known as Admin.

Tasks which can be performed by the admin are:

- He can add/edit/delete different ingredients into the system. He can add/edit/delete new pizzas, their images, prices, and other details.
- He can add/edit/delete users in this system. Admin has rights to add/edit/delete orders for customers.

13. Non-Functional Requirements:

- Non-functional requirements are not the ones that a user demands.

- When we order food online, the food has to be the one that is selected, but the customer never think How the actual flow will be.

There are some requirements:

13.1Speed:

Speed determines how fast an application responds to commands.

13.2 Security and control:

Access to the system and information must be controlled. Privacy requirements i.e. password should be view in encrypted form.

13.3 Software quality attributes:

If the connection between the user and the system is broken, the system should enable the user to recover an incomplete request from beginning.

14 References

https://www.freeprojectz.com/project-source-code-database-download/food-ordering-system-project.