FOODIFFIN

1. Data requirement

- ❖ Menu data
- ❖ Customer data
- ❖ Order data
- ❖ Payment data
- ❖ Delivery data
- ❖ Testing data
- ❖ Code management data

2.GUI

The graphical user interface (GUI) of FOODIFFIN should be designed to provide a user-friendly and intuitive experience for the customers. Here are some GUI design elements that are included in the website :

- ❖ Home page
- ❖ Menu page
- ❖ Cart page
- ❖ Checkout page
- ❖ Order tracking page
- ❖ Delivery tracking page
- ❖ User account page

Other non-functional requirements

Performance:
The website should load quickly and respond to user actions promptly
The website should be able to handle a large number of concurrent users and orders
The website should be optimized for different devices and internet connections.

Security:
The website should use encryption to protect user data and payment information
The website should have mechanisms to prevent and detect hacking, malware, and phishing attacks

The website should comply with data protection laws and regulations.

Scalability:
The website should be designed to accommodate future growth and changes
The website should be able to handle an increase in traffic and orders without affecting performance.

Availability:
The website should be available 24/7 with minimal downtime for maintenance and updates
The website should have backup and recovery mechanisms in case of system failures or disasters.

Usability:
The website should be designed to be user-friendly, intuitive, and accessible to all users
The website should follow web accessibility guidelines to ensure it can be used by people with disabilities.

Maintainability:
The website's code should be modular, well-structured, and documented to facilitate maintenance and updates
The website should have a testing framework in place to ensure quality and reduce the risk of bugs and errors.

Compatibility:
The website should be compatible with different browsers, operating systems, and devices
The website should support different languages and currencies to cater to a global audience.

VISION   OF   FOODIFFIN

- ❖ The vision of FOODIFFIN website is to provide a convenient and affordable solution for people looking for healthy and home-cooked meals delivered right to their doorstep. The website aims to revolutionize the tiffin service industry by offering a modern and user-friendly platform for customers to order their meals online.
- ❖ The FOODOFFIN will offer a wide range of menu items, including breakfast, lunch, dinner, and snacks, prepared by skilled and experienced home chefs. The website will also offer customization options for customers to cater to their specific dietary needs and preferences.
- ❖ The website's goal is to provide a seamless and hassle-free experience for customers to order and track their meals online. The website will leverage the latest technologies to ensure fast and secure transactions and real-time tracking of orders and deliveries.
- ❖ The FOODIFFIN will also focus on sustainability by using eco-friendly packaging and promoting waste reduction. The website aims to become a leading player in the tiffin service industry, known for its quality, affordability, and convenience.

Overall, the vision of this website is to provide a reliable and convenient solution for people looking for healthy and home-cooked meals delivered right to their doorstep.
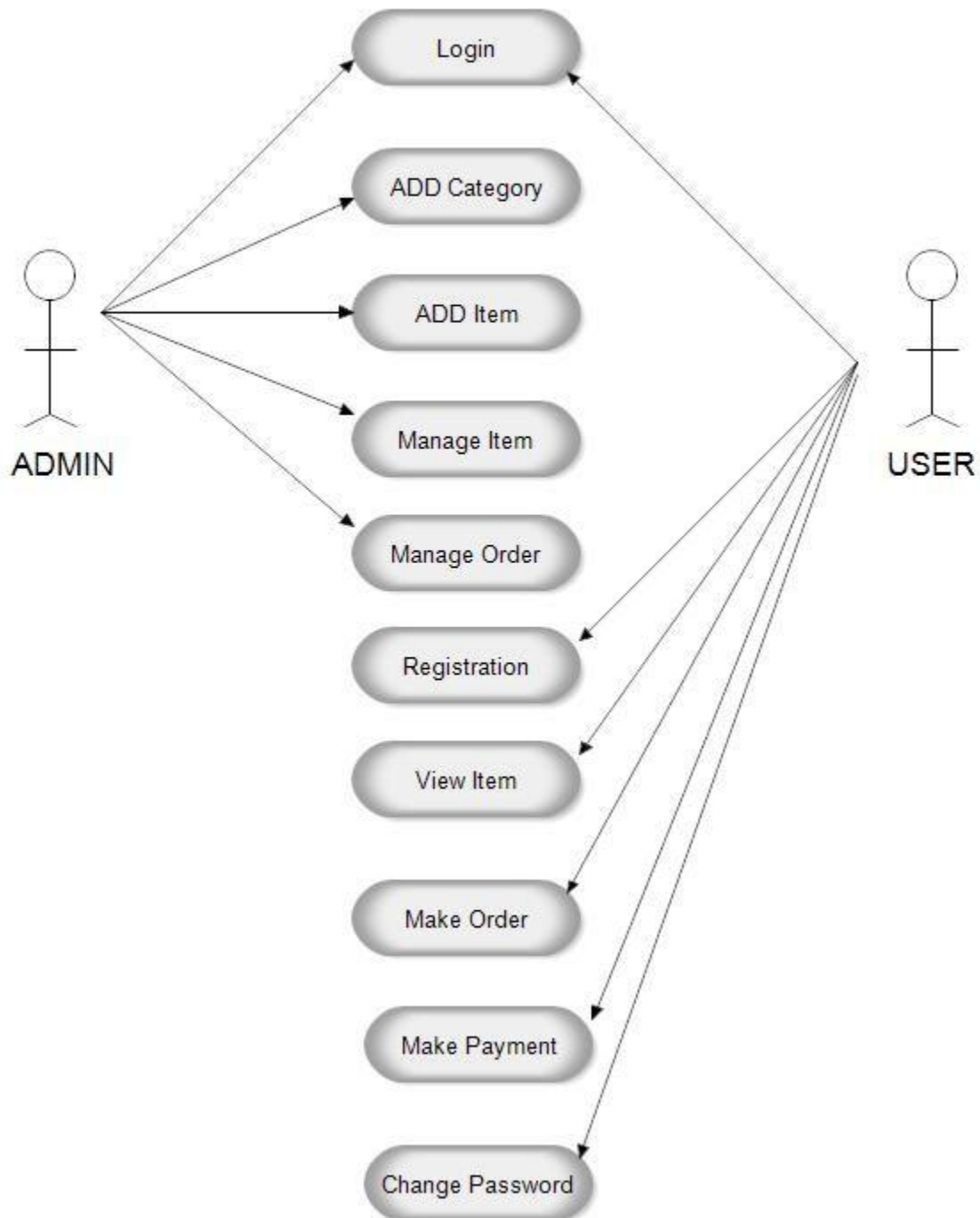
OBJECTIVE

- ❖ The objective of the FOODIFFIN te is to provide a convenient and reliable platform for customers to order healthy and home-cooked meals online. Here are some specific objectives that the website aims to achieve:
- ❖ To provide a wide variety of menu options: The website aims to offer a diverse range of menu items to cater to different tastes and dietary preferences.
- ❖ To offer customization options: The website aims to offer customization options for customers to cater to their specific dietary needs and preferences.
- ❖ To provide a user-friendly experience: The website aims to provide a seamless and hassle-free experience for customers to order and track their meals online. The website will have a user-friendly interface that is easy to navigate.
- ❖ To ensure timely delivery: The website aims to ensure timely delivery of orders, with real-time tracking of orders and deliveries. The website will use the latest technologies to optimize delivery routes and ensure fast and efficient delivery.
- ❖ To promote sustainability: The website aims to promote sustainability by using eco-friendly packaging and promoting waste reduction.
- ❖ To ensure data security: The website aims to ensure the security of customer data and payment information by using encryption and implementing appropriate security measures.
- ❖ To provide affordable pricing: The website aims to provide affordable pricing for its menu items, making home-cooked meals accessible to a wider audience.
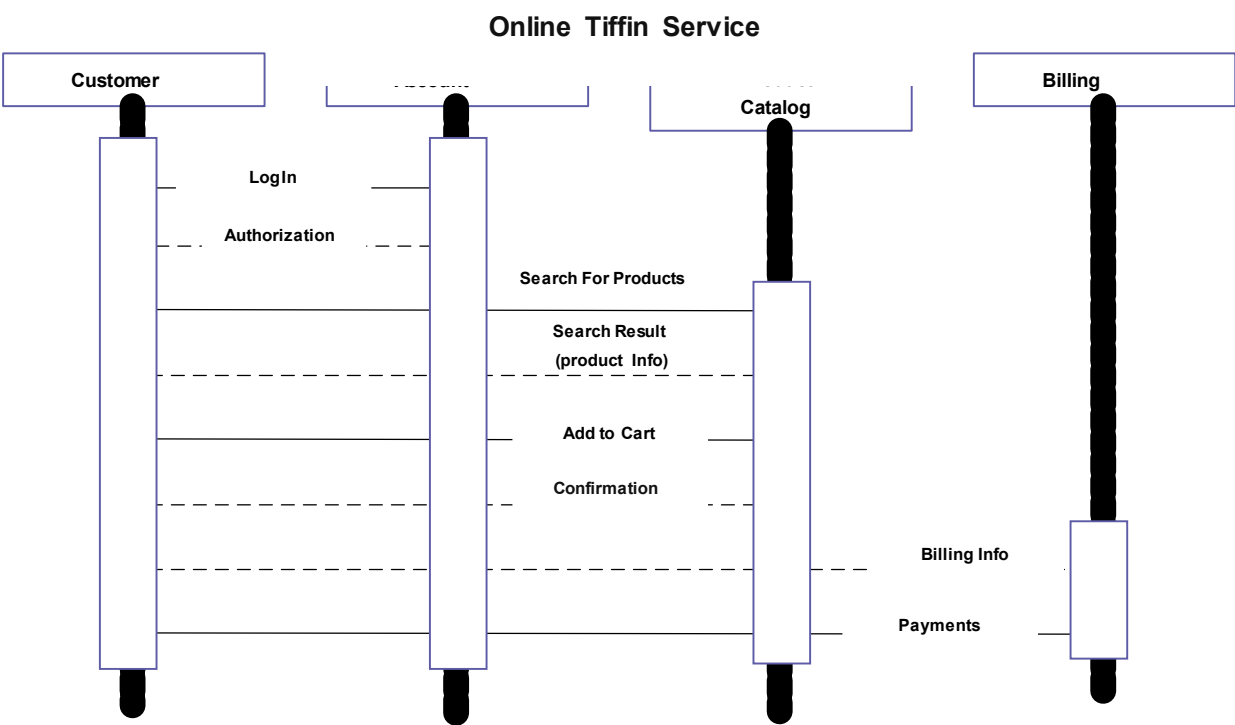
Overall, the objective of the FOODIFFIN is to provide a reliable and convenient solution for people looking for healthy and home-cooked meals delivered right to their doorstep, while also promoting sustainability and ensuring data security.

USE CASE DIAGRAM

Use Case Diagram for Online Shopping Website

UML DIAGRAM

Online Tiffin Service

Customer	Account	Catalog	Billing

LogIn

Authorization

Search For Products

Search Result
(product Info)

Add to Cart

Confirmation

Billing Info

Payments

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