

# Project Progress Presentation

Computer Science & Technology  
Department of computer science & informatics  
UWA Wellassa university of Srilanka

# **Outline**

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- ☐ **Introduction to the project**
- ☐ **Aim/Objectives**
- ☐ **Functional and Non Functional Requirements**
- ☐ **System Design Diagrams**
- ☐ **Gantt Chart**
- ☐ **Group members and Individual Contribution**
- ☐ **Project current Progress**
- ☐ **Demonstration of the functionalities**
- ☐ **Future Work**
- ☐ **References**

# Introduction to the project

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- ❑ **“QuickMatch”** (Connecting Customers & Service Providers)
- ❑ The platform will facilitate seamless interactions between customers seeking these services and service providers offering them.

- ❑ **Problem:**

- ✓ Disconnection between customers and skilled professionals.
- ✓ Difficulty for customers finding the right service providers.
- ✓ Service providers struggling to reach their customers.

- ❑ **Solution:** Bridge the gap between customers and service providers, by using our application “QuickMatch”.

# **Aim**

**The primary aim of “QuickMatch” is to streamline the process of connecting customers with service providers in the fields of electric and electronic services, construction services, and event management services. By leveraging technology, “QuickMatch” seeks to make this process faster, more convenient, and more reliable for both parties involved.**

# Objectives

The main objective of the project, titled “**QuickMatch**” encompasses the development and implementation of a comprehensive platform aimed at connecting service providers and customers in the fields of electric and electronic services, construction services, and event management services. The platform will facilitate seamless interactions between customers seeking these services and service providers offering them.

# Objectives

- Develop web application for both customers and service providers in electric and electronic services, construction services, and event management services.
- Enable customers to quickly find and compare service providers based on their specific location, and reviews and also enable service providers to find their customers and reach their aim in this fast-paced world.
- Design and implement a secure database to store user profiles, service provider profiles and listings, and other relevant data.
- Build and integrate a transparent review and rating system, achieving a user trust and handling existing and new reviews.
- Facilitate direct communication between customers and service providers through the platform to enhance coordination and service delivery, aiming for satisfaction rate from initial users.
- Conducting user testing and feedback sessions to refine and improve the platform, incorporating user feedback into the final phase of development.

# Functional Requirements

- Customer Registration
- Service Provider Registration
- Customer Zone
- Service Provider Dashboard
- Admin Dashboard
- Service Category Selection
- Service Provider Profiles
- Service Booking
- Payment System
- Notification
- Feedback System

# Non Functional Requirements

- Security
- Usability
- Compatibility
- Scalability
- Maintenance
- Performance Monitoring

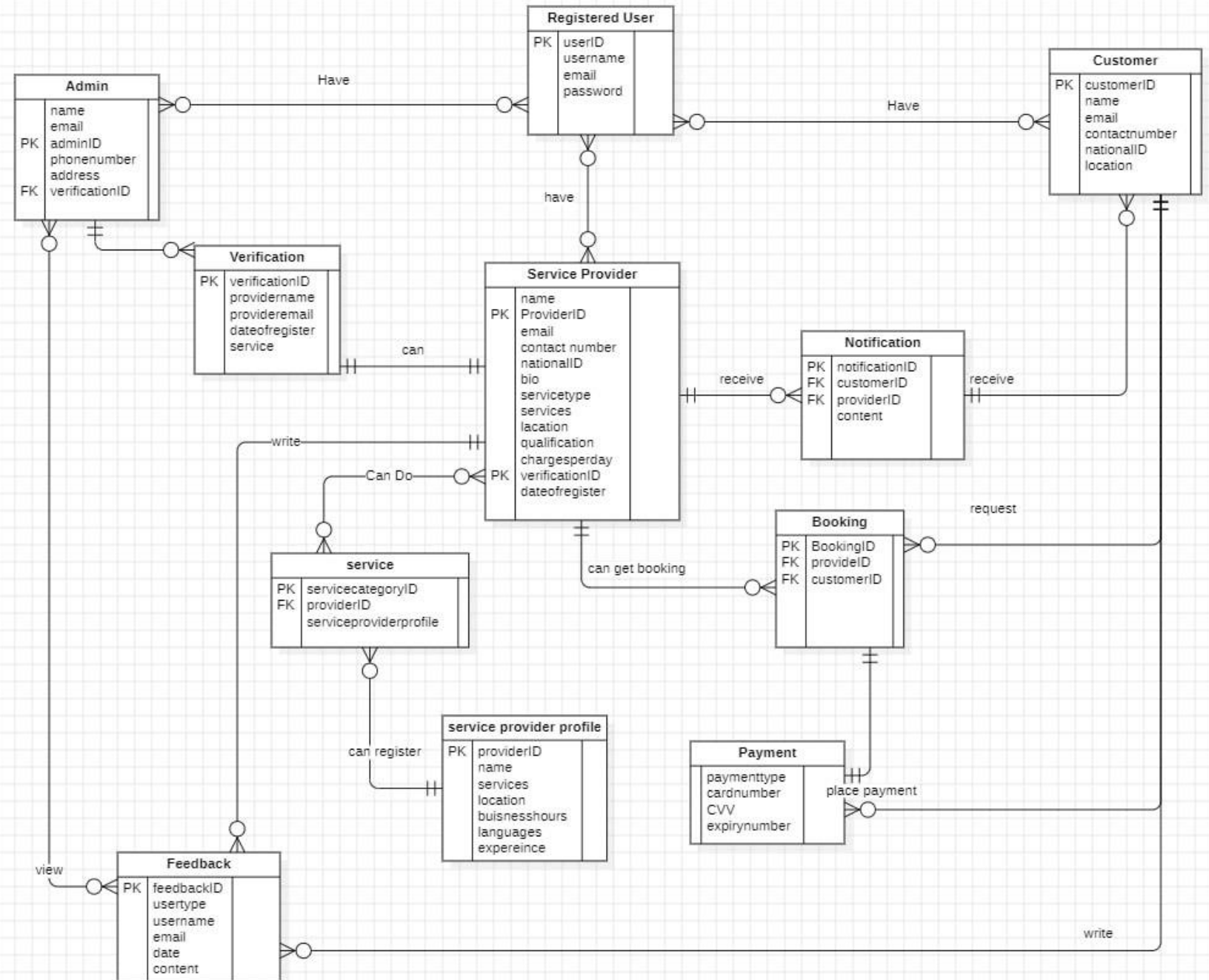
# **System Design Diagrams**

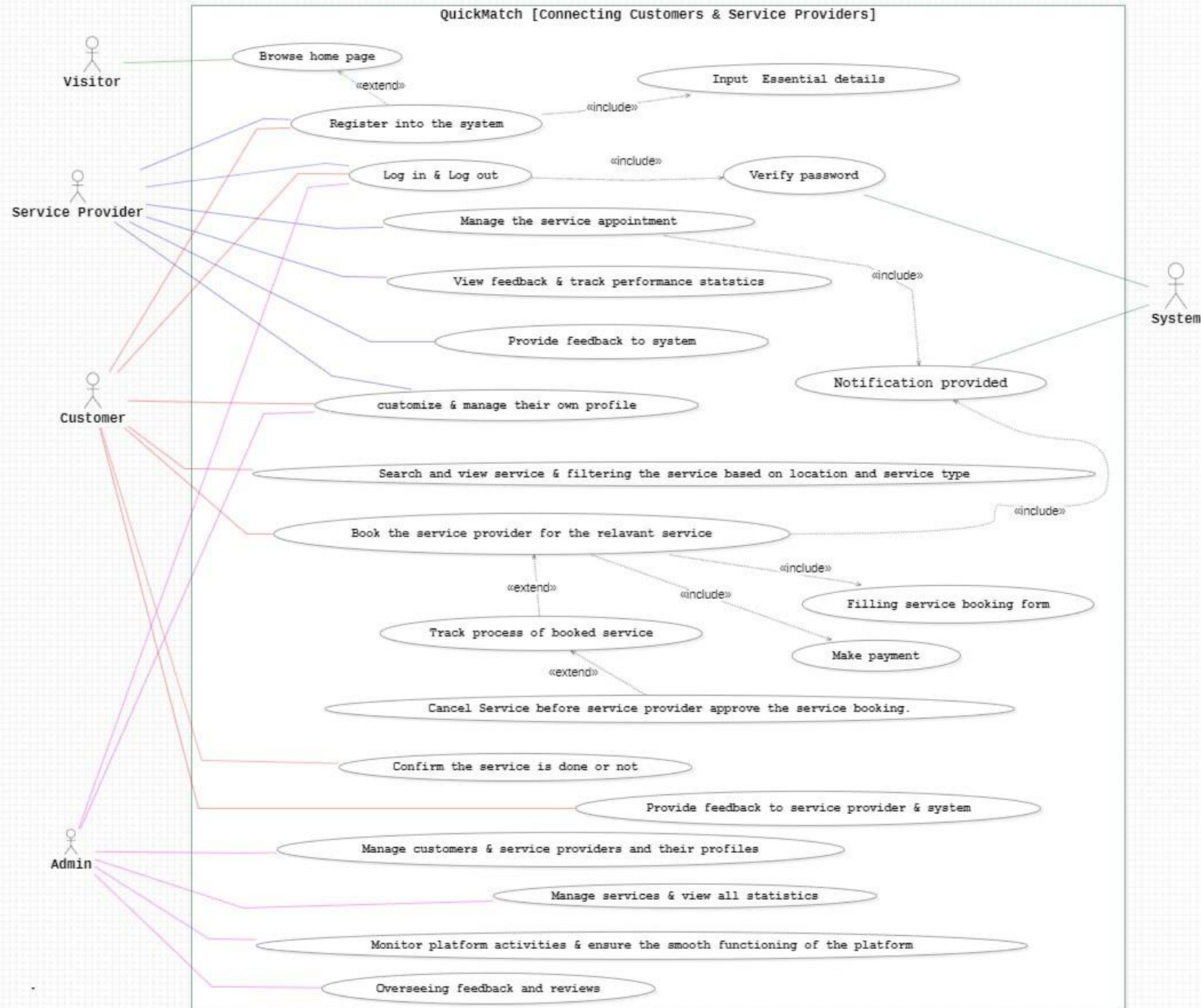
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- ☐ ER Diagram
- ☐ Use Case Diagram
- ☐ Class Diagram



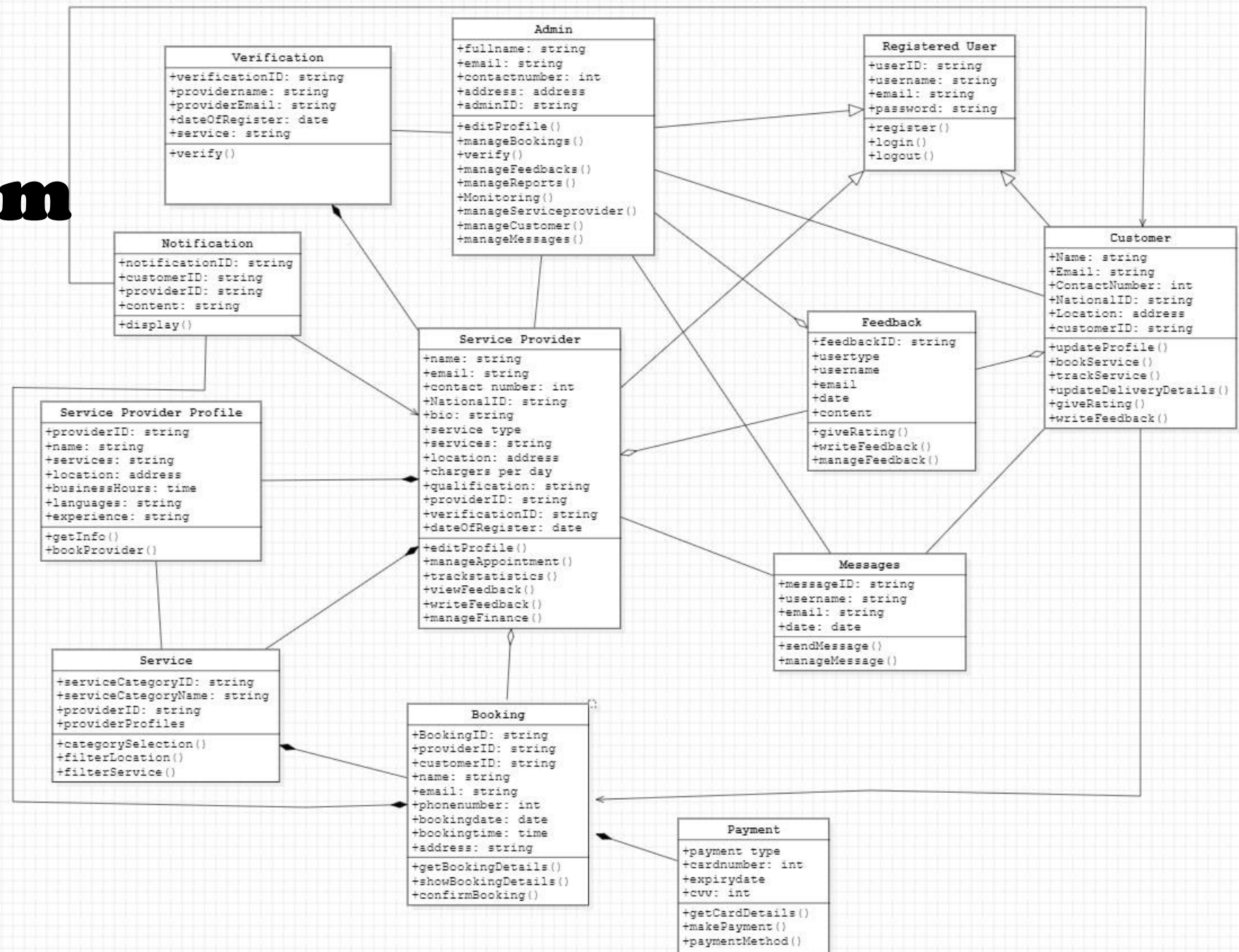
# ER Diagram



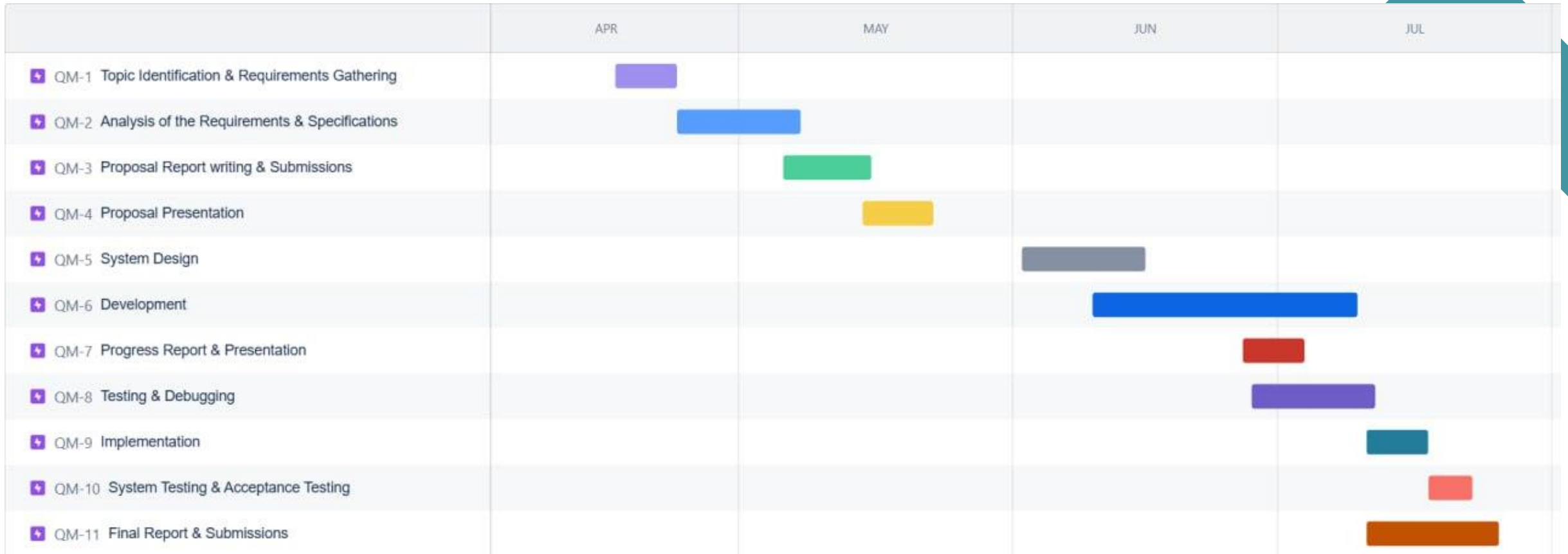


# Use Case Diagram

# Class Diagram



# Gantt Chart







UWU/CST/21/016 - Rajeepan

- Login, Register & Electric Service Page
- ER Diagram



UWU/CST/21/020 - Sankeethan

- Admin Dashboard
- Use Case Diagram



UWU/CST/21/023 - Thanujan

- Landing Page & Event Management Page
- Class Diagram



UWU/CST/21/027 – Deluxshana

- Electronic Service Page & Service Provider Profile
- Use Case Diagram



UWU/CST/21/035 - Manula

- Service Provider Dashboard & Customer Dashboard
- ER Diagram

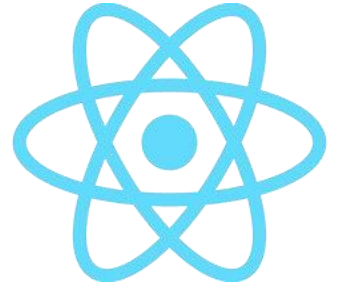


UWU/CST/21/105 - Ainkaran

- Service Page, Booking & Payment
- Class Diagram

# Group members and Individual Contribution

# Project current Progress



Functionality	Frontend	Backend
Customer Registration	100%	
Service Provider Registration	100%	
Customer Zone	100%	
Service Provider Dashboard	100%	
Admin Dashboard	100%	
Service Category Selection	100%	
Service Provider Profiles	100%	
Service Booking	100%	
Payment System	100%	80%
Notification	100%	
Feedback System	100%	



# **Demonstration of the functionalities**

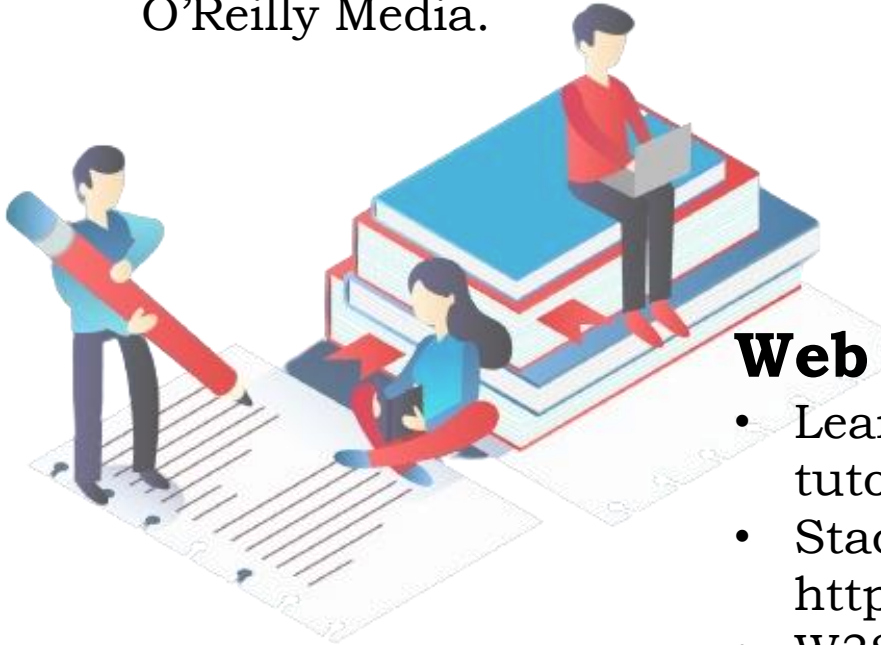
# Future Work

- ❑ Mobile application development
- ❑ Expanded service categories
- ❑ In-app chat
- ❑ Full process tracking
- ❑ Rating system
- ❑ Premium listings for providers



## Books :

- Adam Freeman (2019) Pro React 16. 1st Edition. Apress.
- David Flanagan, (2020) The Definitive Guide: Master the World's Most-Used Programming Language.7th Edition. O'Reilly Media.



## Web Sites :

- Learn PHP Tutorial - javatpoint (2023). <https://www.javatpoint.com/php-tutorial> (Accessed: May 6, 2024).
- Stack Overflow - where developers learn, share, & build careers (2007). <https://stackoverflow.com/> (Accessed: April 28, 2024).
- W3Schools online web tutorials (1997). <https://www.w3schools.com/> (Accessed: May 12, 2024).

# References

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A top-down photograph of a workspace. A silver laptop with a black keyboard is partially visible. A brown paper envelope is open and lies on the laptop. A white card with the words 'Thank you' written in a black cursive script is placed on top of the envelope. A black and silver ballpoint pen is positioned diagonally across the bottom left of the card. The entire scene is set against a light-colored wooden surface.

*Thank you*