

# Bike Sewa

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Course/Semester: BCA sixth semester

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# Introduction

- Web based application
- The admin side and the user side are both included
- User can login , update profile ,add/update bike, online booking, view old servicing record through online
- Admin can do CRUD operation on customer/bike/mechanic, and can view total customers, bikes, accepted booking, mechanic.

# Existing Problem

- Customer can't book online for servicing
- Customer can't view old servicing details
- Customers have to wait in the queue

# Objectives

The main objective of this project is as following.

- To book servicing through online
- To view old servicing records
- To get feedback from customers to analyze the company services from the customer point of view
- To Provide better services to customer

# Limitation

- Online payment is not present
- The customer has to book for service with a time slot

# Tools and Technology

## ➤ Frontend tools

- HTML5
- CSS3
- JavaScript v8
- jsp

## ➤ Backend tools

- Java EE v8 (servlet )
- MySQL 8.0

## ➤ Server

Tomcat 8.5.

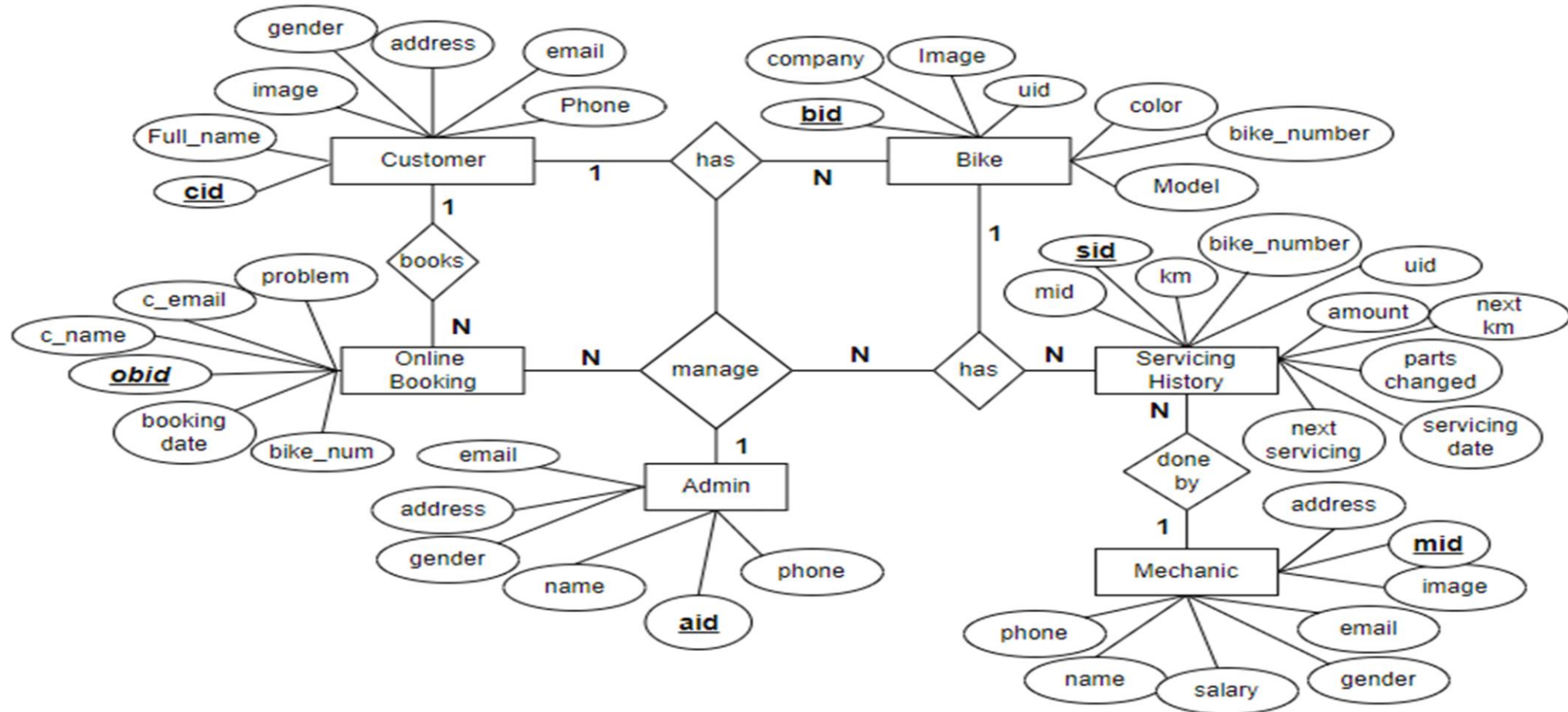
## ➤ Others

- NetBeans 12.6
- Git and GitHub

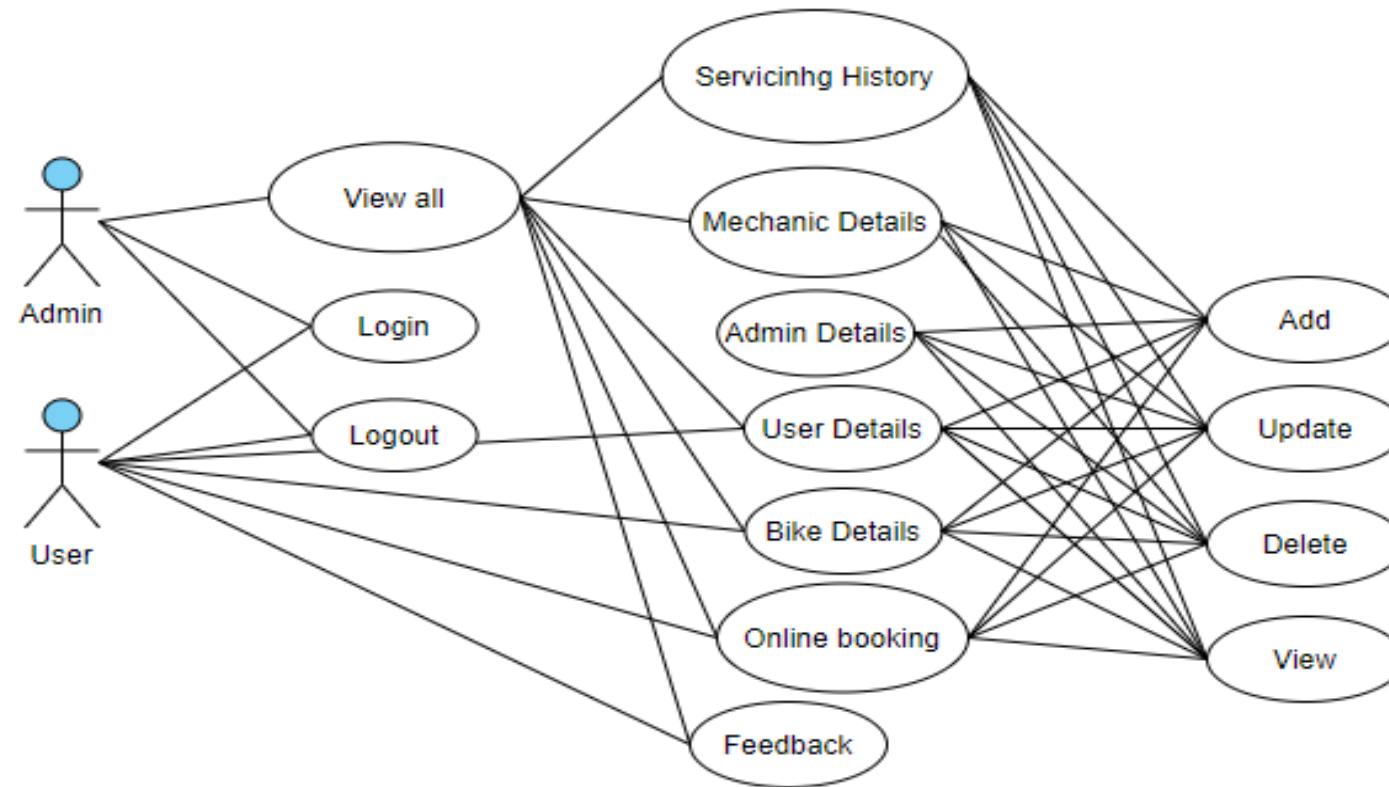
## ➤ Methodology

- Waterfall model

# ER Diagram



# Use case Diagram

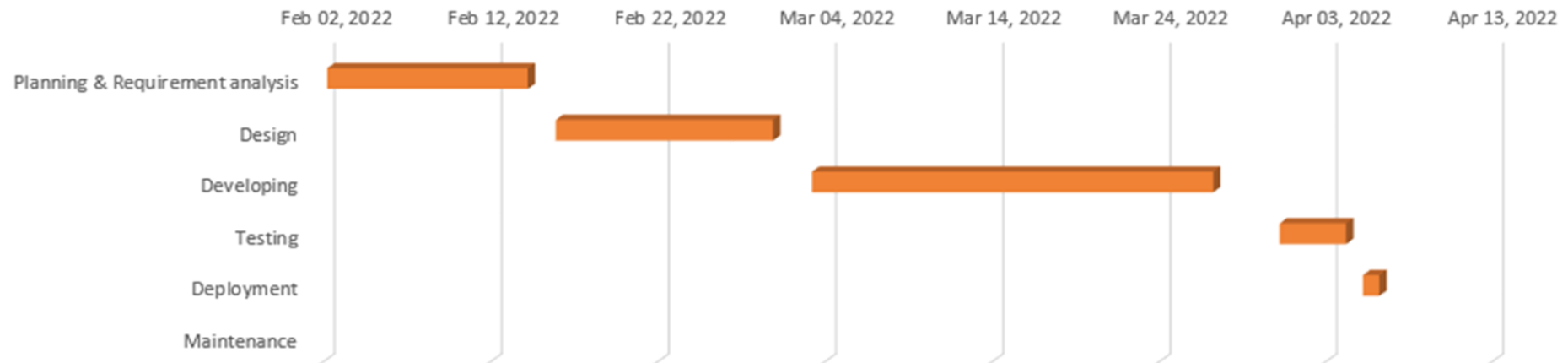




# Project Timeline

ID	Name	Start Date	End Date	Duration(days)
1	Planning & Requirement analysis	Feb 02, 2022	Feb 16, 2022	12
2	Design	Feb 16, 2022	Mar 03, 2022	13
3	Developing	Mar 03, 2022	Mar 31, 2022	24
4	Testing	Mar 31, 2022	Apr 05, 2022	4
5	Deployment	Apr 05, 2022	Apr 06, 2022	1
6	Maintenance	Apr 06, 2022		

**Gantt Chart of Bike Sewa**



# Demo

<http://localhost:9494/BikeSewa/>

# Conclusion

Everyone needs to get their Bike repaired or servicing. Making this process more convenient by providing online booking increases customer satisfaction and workshop efficiency

**Any Questions ?**

**Thank You**

