

# Bike Sewa

( B C A - 6th S E M E S T E R )

**Presented by:**

Ngima Sherpa (07)

Date: 19<sup>th</sup> March 2022

# Introduction

- Web based application
- The admin side and the user side are both included
- User can login, Online booking, view old servicing record through online
- Admin can do CRUD operation on user/bike/mechanic, Revenue calculation, Manage schedule

# Existing Problem

- Customer can't book online for servicing
- Customer can't view old servicing details

# Objectives

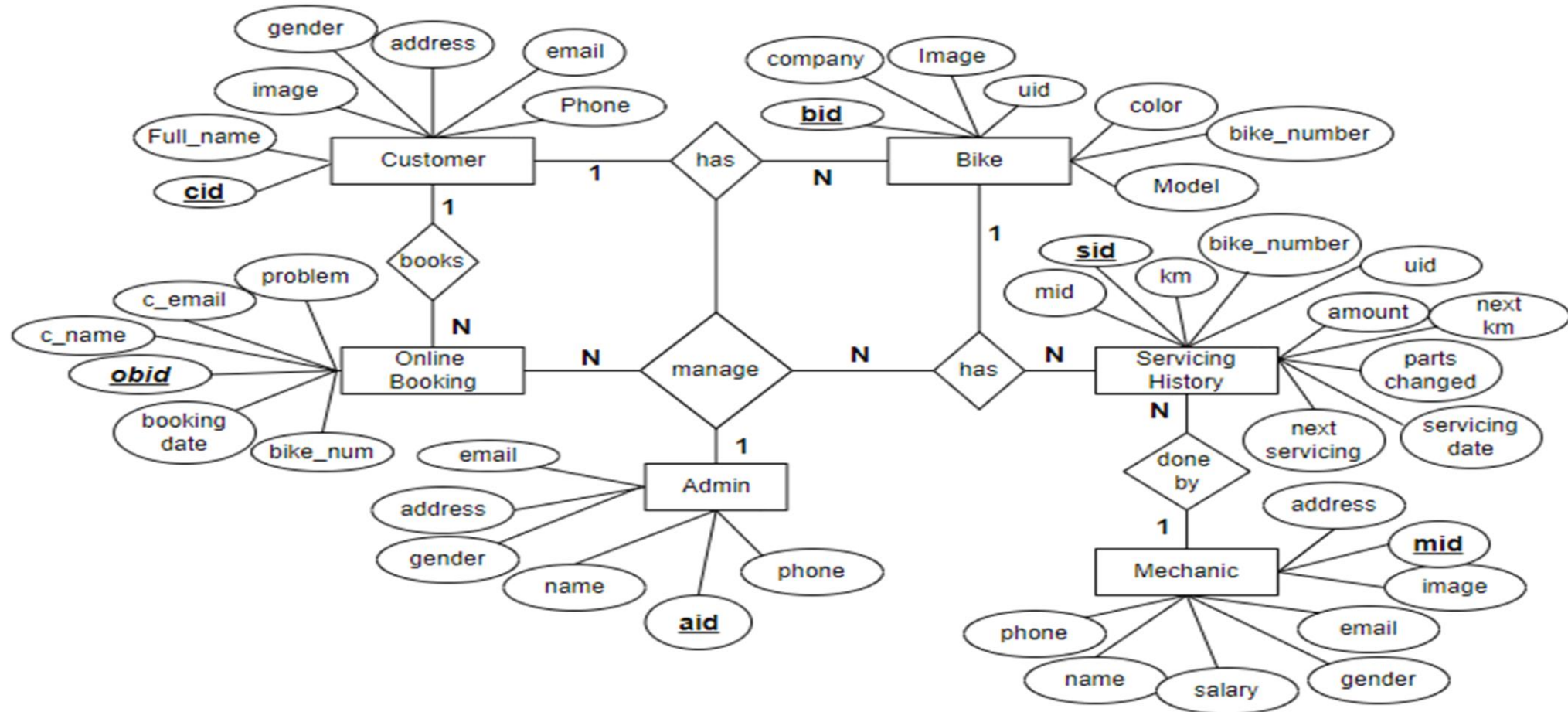
The main objective of this project is as following.

- To book servicing through online
- To view old servicing records
- To store repair and maintenance data of bikes

# Limitation

- It needs internet for booking
- Customer have to book even without seeing actually how service center looks like
- Sometime it may contain technical problems

# ER Diagram



# 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

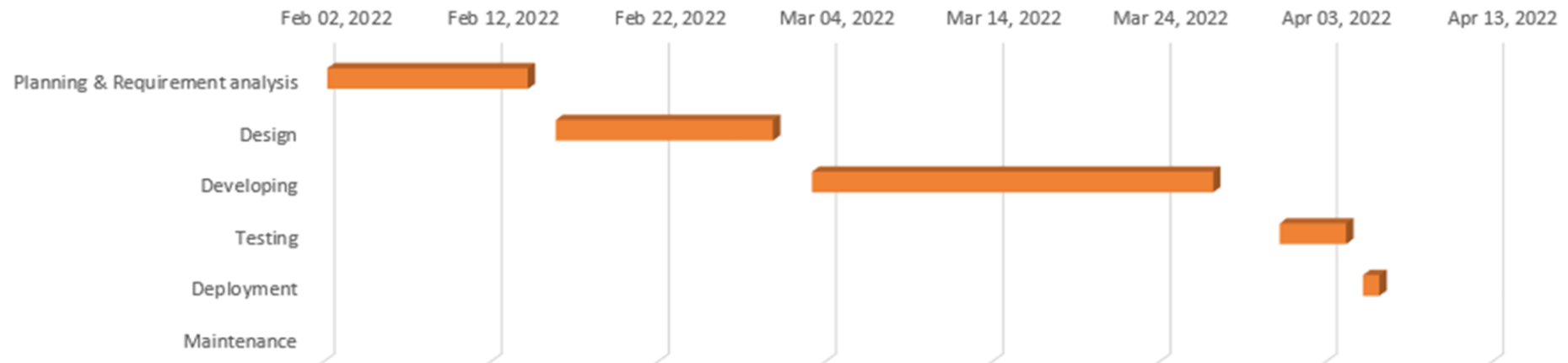
## ➤ Methodology

- Waterfall model

# 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**

