

Bike Sewa

(B C A – 6th S E M E S T E R)

Presented by:

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Introduction

- Web based application developed in Java EE and MYSQL
- The admin side and the user side are both included
- User can login, booking, send request, view old servicing record, make payment and give feedback through online
- Admin can manage both bike and user details and can generate different reports

Existing Problem

- Customer can't view old servicing details
- Customer can't book online for servicing
- Customer can't get emergency services
- Customer can't get email notification for servicing alert
- Customer can't send request for pick and drop
- Not user friendly.

Objectives

The main objective of this project is as follows.

- To provide an easy interface to customer
- To store repair and maintenance data
- To save the time
- To minimize the number of staff
- To generate weekly monthly reports
- To increase revenue

Scope

- Customer can book for bike servicing online
- Customer can send request for pick and drop
- Customer can send request for emergencies service
- Customer can view bike servicing record history
- Customer can view profile
- Customer can get various offer through email
- Customer can email notification
- Customer can get servicing alert

Scope

- Customer can get 10x fast service
- Customer can get doorstep servicing (minor fixing)
- Customer can make online payment
- Customer can give feedback
- Service center can manage both bike and user details
- Service center can generate various data (total bike services, total booking, total income, total customer, total number of booking cancel)

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
- Sometime customer can be contactless after booking service

Tools and Technology

➤ Frontend tools

- Adobe XD 37.0.32.10
- HTML5
- CSS3
- JavaScript v8 8.9.255.25

➤ Backend tools

- Java EE v8 (servlet & jsp)
- MySQL 8.0.22

➤ Server

Tomcat 8.5.

➤ Others

- Eclipse
- Git and GitHub

➤ Methodology

- Waterfall model

Requirements

Hardware requirements(min.)

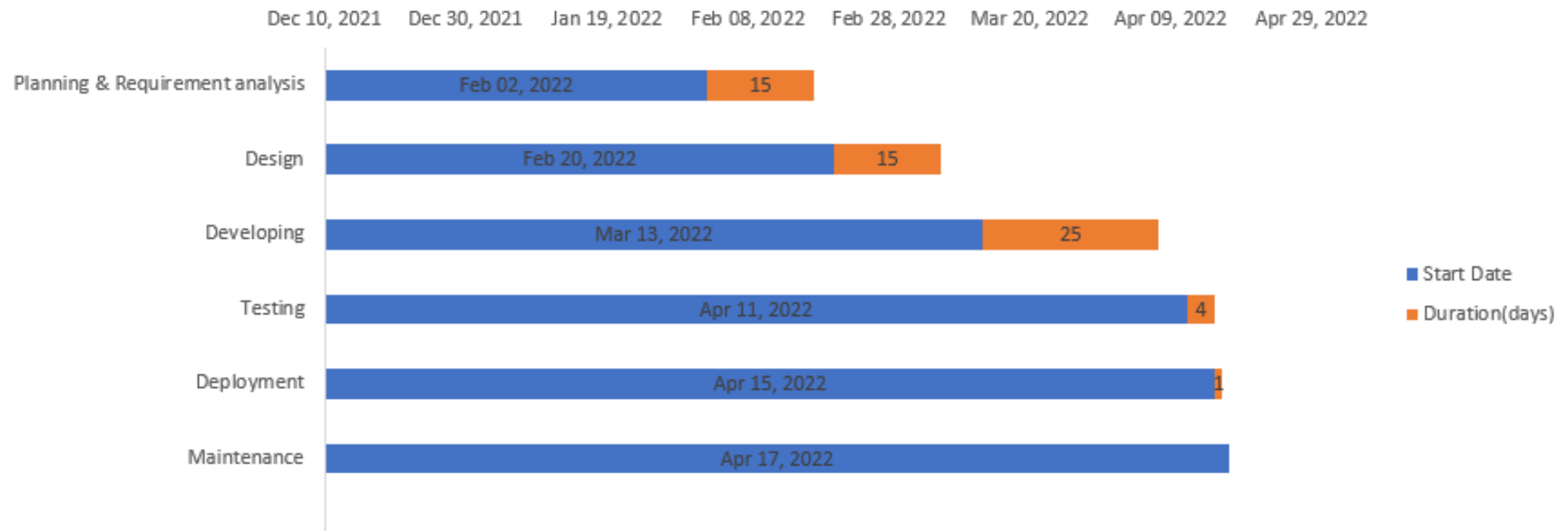
- 512 MB of RAM
- Pentium 4 processor or higher

Software requirements(min.)

- Operating system : Windows XP or later
- Web browser (Chrome, Mozilla...)

Project Timeline

Bike Sewa



Conclusion

Bike Sewa is an online web application that minimizes the problem of the existing system and provides an easy interface to both customers and admin. It generate weekly and monthly reports which helps to analyze business, and can increase revenue.

Any Questions ?

Thank You