

BikeLeLo

Business Requirement Specification

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1. Introduction

1.1 Document Purpose

This document communicates the business requirements and scope for developing Online Bike Booking (BikeLeLo) System. The scope of this document is to define the functional and non-functional requirements, business rules and other constraints requirements.

1.2 Project Background

At present there is no such computerized system from where one can book bike in advance from specific location, while users/clients can only view various kind of bikes and get to know about any bike's specifications, ex-show room and on-road price over internet. Currently, the user/client having knowledge about bike's specification have to go to showroom to book his bike, which again takes time for further process. Due to high demand for bikes, scooters especially of electric bikes because of petrol price hike there is long waiting period to get delivery of desired bike. Clients have to visit showrooms many times in a while for booking and getting notified about delivery. For booking bike from other city the clients/user needs to travel all the time to the specific location it becomes very hectic as there might be chances of unavailability for booking.

1.3 Goals of the project

The main objective of this project is to provide a platform for the users to get details about on road prices for different cities and can book their desired bike instantly.

Here we are proposing a system in which users can book specific bike in few clicks from any available location. Further, in this system user can check details such as full specifications, reviews as well as user can compare between two bikes within same category.

The major advantage of our system is the user can book the bike and need to visit to showroom for final documentation and delivery.

1.4 Customers and Stakeholders

Customers:

- Showroom want to sell their Products.
- Customers want to buy the Product.
- Admin have all access to the website.

Stakeholders

- Manufacturing Companies.
- Bike Showroom.
- Motorcycle - Business Industry
- Government

2. Business Requirements Overview

- BikeLeLo System is the public web portal.
- In BikeLeLo System, the main target is currently Maharashtra state.
- There are mainly three types of users, Admin, Showrooms and End users.
- User can search for the bikes available in the location and even the information about the bike such as full specification.
- User can compare for the bike of different brands with same category in price and specification.
- BikeLeLo System provides the functions which connect the user and the showrooms efficiently.
- BikeLeLo System could be maintained by Administrator.

3. Functional Requirements Overview

BikeLeLo System consists of four modules described as below.

1. Showroom Module
2. User Module
3. Admin Module

3.1 Showroom Module

- Showroom can request for registrations.
- BikeLeLo System provides the function which allows Showrooms to publish their available bike.
- This System will have a function which notify to showrooms about each bike booking confirmation.
- Showroom can update prices of bike at any instance depending on price hike/reduce.
- Showroom can update or notify to client or customers regarding delivery information or status.

3.2 User Module

- User can register and create his own account.
- BikeLeLo System provides the function which allows user to search the bike information.
- The User could find the pricing in different Showrooms.
- User can compare between same category bikes
- BikeLeLo system provides the function to book bike in from specific showroom online.

3.3 Admin Module

- BikeLeLo System should provide all function to admin how to handle the System.
- Admin can approve or reject request for new showroom registration.
- Could monitor all the Transaction.
- Admin can generate Periodic reports about sales on weekly or monthly basis.
- Admin can take any necessary action for any reports and suggestions submitted.

4. Non-functional Requirements

- The website should use professional design, look and feel and color scheme.
- Users will have no limitations for accessing the application through Internet. The portal being an internet application, it is difficult specify exact number of visitor or users. Hence, we will target the system to support between 5 and 10 million users on launch of phase 1.
- Being a public website, the site must follow general usability guidelines for menus, navigation, colors, links and other actions provided on the screens.
- The system should be designed in such a manner that user will be able to complete tasks in minimum number of steps.