**Bike and Car Rental Portal**

**Business Requirement Specification**

Table of Contents

1. Introduction 3

2. Business Requirements Overview 4

3. Functional Requirements Overview 4

4. Non-functional Requirements 5

# 1. Introduction

# Document Purpose

This document communicates the business requirements and scope for developing Bike and Car Rental System Portal. The scope of this document is to define the functional and non functional requirements, business rules and other constraints requirements.

# Project Background

Currently, there is no unified and cost-efficient system for renting bikes and cars. Individuals seeking to rent vehicles often face fragmented services, lack of transparency in pricing, and limited availability information .Traditional rental methods involve multiple intermediaries, each potentially adding to the cost and complexity of renting a vehicle. This leads to inefficiencies and dissatisfaction among customers. The proposed system aims to centralize and streamline the process, providing a transparent, user-friendly platform where users can easily find, book, and rent vehicles.

# Goals of the project

The main objective of this project is to build a website that will help users from various locations to rent bikes and cars seamlessly. This system will allow users to view available vehicles, compare prices, and make reservations online. It will also offer additional features such as reviews, ratings, and support for various payment methods to enhance the user experience. Additionally, it will provide vehicle owners with a platform to list their vehicles for rent, thereby increasing their revenue potential.

# Customers and Stakeholders

Customers:

* + Administrator
  + Individuals looking to rent a bike or car.
  + Vehicle owners who want to rent out their Bikes and Cars.

Stakeholders

* + Public transport

# 2. Business Requirements Overview

* **Bike and Car Rental System** is a public web and mobile application.
* **Bike and Car Rental System** will be available globally, but in phase 1, the main target is the local market, with a focus on urban areas and tourist destinations.
* There are mainly two types of users**:** Renters and Vehicle Owners.
* **Renters** can search for available bikes and cars, compare rental prices, read reviews, and book vehicles online.
* **Vehicle Owners** can list their bikes and cars for rent, manage bookings, and track rental activity.
* **Bike and Car Rental System** provides functions that connect renters and vehicle owners efficiently.
* **Bike and Car Rental System** will be maintained by an Administrator.

# 3. Functional Requirements Overview

Bike and Car System Portal consists of four modules described as below.

1. Customer Module
2. Owner Module
3. Admin Module

# 3.1 Customer Module

* Customer can register and create his own account.
* Customer can login.
* Customer can post requirement.
* Customers can browse available bikes and cars for rent.
* He can view detailed information about each vehicle, including pictures, specifications, and rental rates
* He can check availability and book vehicles for specific dates and times.
* Customer can view their confirmation status.
* He can choose payment option to pay the rent.
* Customers can view their past rental history.
* Customer can give feedback.

# Owner Module

* Vehicle Owners can register and create their own account.
* Owners can list their bikes and cars for rent, providing detailed information, pictures, and rental rates.
* Owners can view request .
* Owners can update vehicles information.
* Owners can confirm request booking.
* Owners can view transaction history.

# 3.3 Admin Module

* Admins can view both customer and owner accounts.
* Admins can oversee the listing of vehicles.
* Admin can create brand
* Admin can view transactions.
* Admin can view feedback.
* Admin can create account.
* Admin can disable account.
* Admins can monitor all bookings and transactions within the system.

# 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.