**Online Car Pooling System**

**Business Requirement Specification**

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# 1. Introduction

# Document Purpose

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

# Project Background

The online carpooling system is a platform designed to connect individuals who are traveling in the same direction so they can share a ride together. It aims to provide a more sustainable and cost-effective transportation option by reducing the number of vehicles on the road and optimizing the use of existing resources.

The project's inception arises from the growing awareness of the challenges associated with individual commuting, such as increasing traffic congestion, rising fuel costs, and environmental concerns. The online carpooling system seeks to address these issues by leveraging technology to connect drivers and passengers who are heading in the same direction.

# Goals of the project

The project's goal is to create a user-friendly and efficient online platform that allows people to find and arrange carpools easily. By using this system, users can save money on transportation costs, reduce traffic congestion, lower carbon emissions, and faster social connections among commuters.

# Users and Stakeholders

Users:

* + Users want to book their ride.
  + Users will take advantage.

Stakeholders

* + Driver who will beneficiary go from one place to another.
  + Everyone who want to go from far away than that.

# 2. Business Requirements Overview

* Online car pooling system is the public web application.
* Online car pooling system will be opened to the global, but in the phase 1, the main target is in the Maharashtra.
* There are mainly two types of user. One is the user and other is driver.
* User can find out the minimum price ride and then user can send the request to particular driver.
* Online car pooling system provides the functions which connect the users and the driver efficiently.
* Online car pooling system could be maintained by Administrator.

# 3. Functional Requirements Overview

Online car pooling system consists of three modules described as below.

1. Driver Module.
2. User Module.
3. Admin Module.

# 3.1 Driver Module

* Driver can register and create his own account.
* Drivers should be able to registered by providing their personal information, vehicle details, drivers-license information and contact details.
* Online car pooling system provides the function which allows Driver to publish his travelling details.
* He/she is able to select existing user with their choice.
* Drivers should have the ability to set their availability by specifying their preferred routes, timings, and the number of available seats in their vehicles.
* Providing “Cash-on delivery” in our system.

# 3.2 User Module

* User can register and create his own account.
* Online car pooling system provides the function which allows user to find out the rides where he/she wanted to go.
* User can find out the minimum price ride and then user can send the request to particular driver.

# 3.3 Admin Module

* Online car pooling system should provide all function to admin how to handle the System.
* What are the Drivers and Users are using this system and are they authorized.
* Could able to know all the worst review of the users according to that they select the Driver disabled or blocked.

# 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.