

Rydora

A Driver Connect

Business Requirement Specification

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1. Introduction

1.1 Document Purpose

This document communicates the business requirements and scope for developing Rydora 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

The **Rydora A Driver Connect** project is developed to provide an efficient digital platform for **driver booking and management**. The main objective of the system is to simplify the process of hiring professional drivers on demand — whether for personal vehicles, corporate use, or special occasions — through a smart, secure, and user-friendly interface.

In today's fast-paced environment, many vehicle owners prefer hiring trained drivers temporarily instead of maintaining a permanent one. However, the process of finding and verifying reliable drivers is often time-consuming and unorganized. **Rydora ADriver Connect** aims to solve this issue by offering a centralized platform that connects users with available drivers quickly and conveniently.

The system allows users to **search, view, and book drivers** based on availability, location, and experience. It also manages driver details such as personal information, license verification, and work history to ensure authenticity and trust.

1.3 Goals of the project

The main goal of the **Rydora - A Driver Connect** project is to create an efficient and user-friendly digital platform that enables users to **book professional drivers** for their vehicles without the need for a complete ride-booking service. The system aims to connect vehicle owners with verified and available drivers quickly and securely.

This project focuses on simplifying the process of finding, scheduling, and managing driver bookings through a centralized application. By implementing this solution, Rydora seeks to enhance convenience, safety, and reliability for users who need temporary or on-demand driving services.

1.4 Customers and Stakeholders

Customers:

- Drivers.
- Users/Customers
- Admin.

Stakeholders

- Vehicle owners who need professional drivers.
- Corporate clients who require driver for business transport or Employee transport.
- Travel agencies who need multiple drivers for temporary need.

2. Business Requirements Overview

- Rydora a driver connect System is the public web application.
- Rydora a driver connect System will be opened to the global, but in the phase 1, the main target is in the India.
- There are mainly two types of user. One is the Driver and other is Customer.
- Customer can search for the professional driver
- Customer can search for the Driver available on web application and even the information about the Driver
- Rydora System provides the functions which connect the drivers efficiently.
- Rydora System could be maintained by Administrator.

3. Functional Requirements Overview

Rydora-A Driver Connect System consists of three modules described as below.

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

3.1 User Module

- Users should be able to **register and log in** securely.
- Users can **update their profile** information such as name, contact details, and address.
- Users should be able to **search for available drivers** based on location, time, and service type.
- Users can **book, view, and cancel** driver bookings.
- Users can **rate and review** drivers after service completion.

3.2 Driver Module

- Drivers will able to **register and create a profile** with details like name, license, and experience.
- Drivers can **update their availability status** (Available/Not Available).
- Drivers will receive **booking requests and confirmations** from users.
- Drivers can **accept or reject** booking requests.
- Drivers will have access to **trip details and user contact information** once a booking is confirmed.

3.3 Admin Module

- Admin will be able to manage user and driver account.
- Admin will be able to verify drivers and users details such as license and background detail.
- Admin will be able to view and manage all bookings.
- Admin can handle complaints, feedback and services.

4. Non-functional Requirements

- The system should load and respond to user actions within **seconds** under normal conditions.
- It should handle multiple **simultaneous user requests** efficiently without performance degradation.
- All user and driver data must be **encrypted** and stored securely.
- **User authentication** must be performed using a secure login system.
- The system should protect against **unauthorized access**, data breaches, and common web vulnerabilities.
- The interface should be **simple, user-friendly, and responsive** on both desktop and mobile devices.
- Navigation should be intuitive for users with minimal technical knowledge.
- Clear error messages and guidance should be provided for incorrect actions
- The system architecture should allow for **future expansion**, such as adding more users, drivers, or cities without major redesign.
- The system code should be **modular and well-documented** to simplify updates and maintenance.
- It should allow for **easy integration** of new features or third-party APIs.