

# Software requirement specification for Ride sharing system (Goride)

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# Introduction

In recent years, the rise of ride-sharing systems has revolutionized the way people commute and travel. A ride-sharing system is a modern and efficient approach to transportation, designed to connect passengers with drivers using technology platforms. By leveraging the power of smartphones, GPS tracking, and online payment systems, ride-sharing has become a convenient and cost-effective alternative to traditional taxi services and public transportation.

# Objectives

The basic purpose of a ride-sharing system is to provide a convenient and efficient means of transportation for individuals by connecting riders with drivers through a digital platform or mobile application. This system aims to address various transportation needs and improve the overall commuting experience for users. The key purposes of a ride-sharing system include:

# Functional Requirements

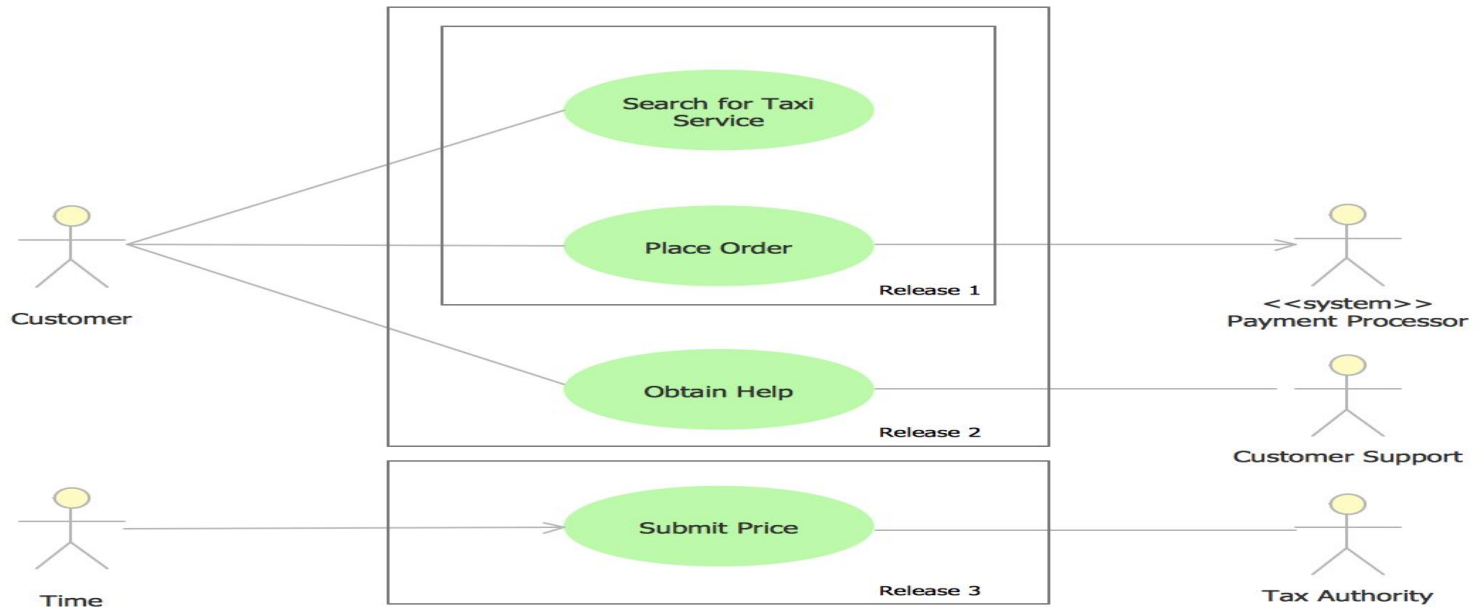
The goride functions will support the following functionality:

- Login – logging onto the web server
- Register - Register in the goride
- goride search – search other members participating in the ride

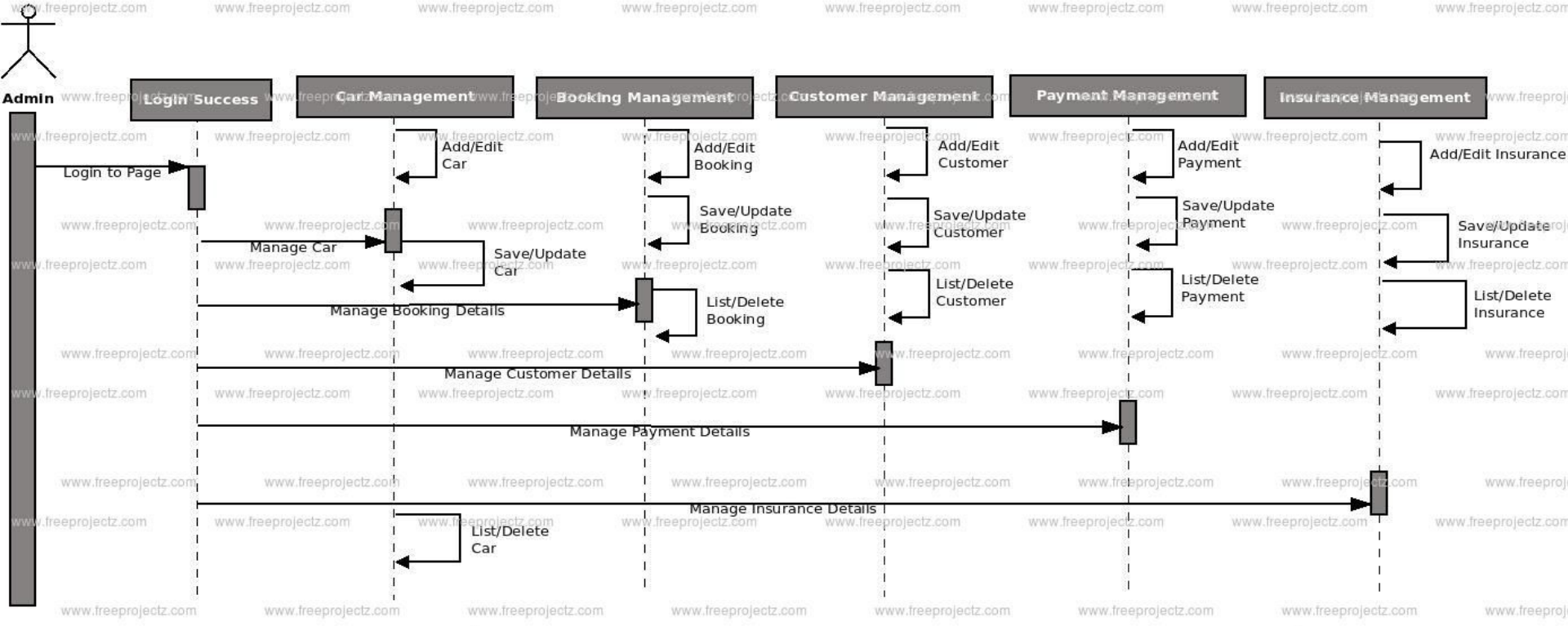
# Functional Requirements

- Create goride – create carpooling for special events
- Join goride – join others ride.
- View goride detail – view detail of the one-time event schedules
- Delete goride detail - delete own created ride

# Use case diagram for Goride



# Sequence diagram for Goride



Sequence Diagram of Car Sharing System

Thank You