

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"Jnana Sangama", Belgaum -590014, Karnataka.



PROJECT WORK-2 REPORT
On

"RideX"

Submitted by
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Under the Guidance of
Srushti C S

Assistant Professor

in partial fulfillment for the award of the degree of
BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING



B.M.S. COLLEGE OF ENGINEERING
(Autonomous Institution under VTU)
BENGALURU-560019
2024-2025

**B. M. S. College of Engineering,
Bull Temple Road, Bangalore 560019**
(Affiliated To Visvesvaraya Technological University, Belgaum)
Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled **“RideX”** carried out by **SANCHIT MEHTA(1BM23CS299), SANTHOSH N(1BM23CS302), SHAMARAO(1BM23CS308), SUHAS BP(1BM23CS345)** who are bonafide students of **B. M. S. College of Engineering**. It is in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visveswararajah Technological University, Belgaum during the year 2024. The project report has been approved as it satisfies the academic requirements in respect of **Full Stack Web Development(23CS3AEFWD)** work prescribed for the said degree.

Signature of the Guide

Srushti C S
Assistant Professor
BMSCE, Bengaluru

Signature of the HOD

Dr. Kavitha Sooda
Prof & Head of Dept of CSE
BMSCE, Bengaluru

External Viva

Name of the Examiner

Signature with date

B.M.S. COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



DECLARATION

We, **SANCHIT MEHTA(1BM23CS299), SANTOSH N(1BM23CS302), SHAMARAO(1BM23CS308), SUHAS BP(1BM23CS345)** students of 3rd Semester, B.E, Department of Computer Science and Engineering, BMS College of Engineering, Bangalore, hereby declare that, this Full Stack Web Development entitled "**RideX**" has been carried out by us under the guidance of Srushti C S, **Assistant Professor**, Department of CSE, BMS College of Engineering, Bangalore during the academic semester Sept 2024 – Jan 2025.

We also declare that to the best of our knowledge and belief, the development reported here is not from part of any other report by any other students.

Signature

SANCHIT MEHTA(1BM23CS299)
SANTOSH N(1BM23CS302)
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TABLE OF CONTENTS

Serial No.	TITLE	PAGE NO.
1	Introduction	1
1.1	Overview	1
1.2	Motivation	1
2	Project Requirements	2
2.1	Hardware Requirements	2
2.2	Software Requirements	2
3	ER diagram of the project	3
4	Schema of theproject	4
5	User Interface Design	5
6	Reference	10

INTRODUCTION

1.1 Overview

RideX project is a web-based platform designed to provide seamless ride-hailing, driving, and package delivery services. It mimics the functionality of well-known ride-sharing services, integrating features for users to request rides, explore delivery options, and join as drivers to earn income at reasonable price for both customers and drivers reducing ride cancellations and faster ride acceptance by drivers. Thus, improving time efficiency. The platform includes visually appealing sections, user-friendly navigation, and a focus on safety and accessibility for a global audience.

1.2 Motivation

The motivation behind the RideX project is to address the challenges commonly faced in the ride-sharing industry, such as high ride cancellations, slow ride acceptance, and inefficiencies in time management. By providing a platform that balances affordability for customers and fair income for drivers, RideX aims to create a mutually beneficial ecosystem that fosters trust and reliability. The focus on intuitive design, global accessibility, and robust safety features underscores the project's commitment to enhancing user experience and ensuring security. Ultimately, RideX seeks to redefine convenience in transportation and delivery services, offering a more efficient, transparent, and dependable solution for both riders and drivers worldwide.

PROJECT REQUIREMENTS

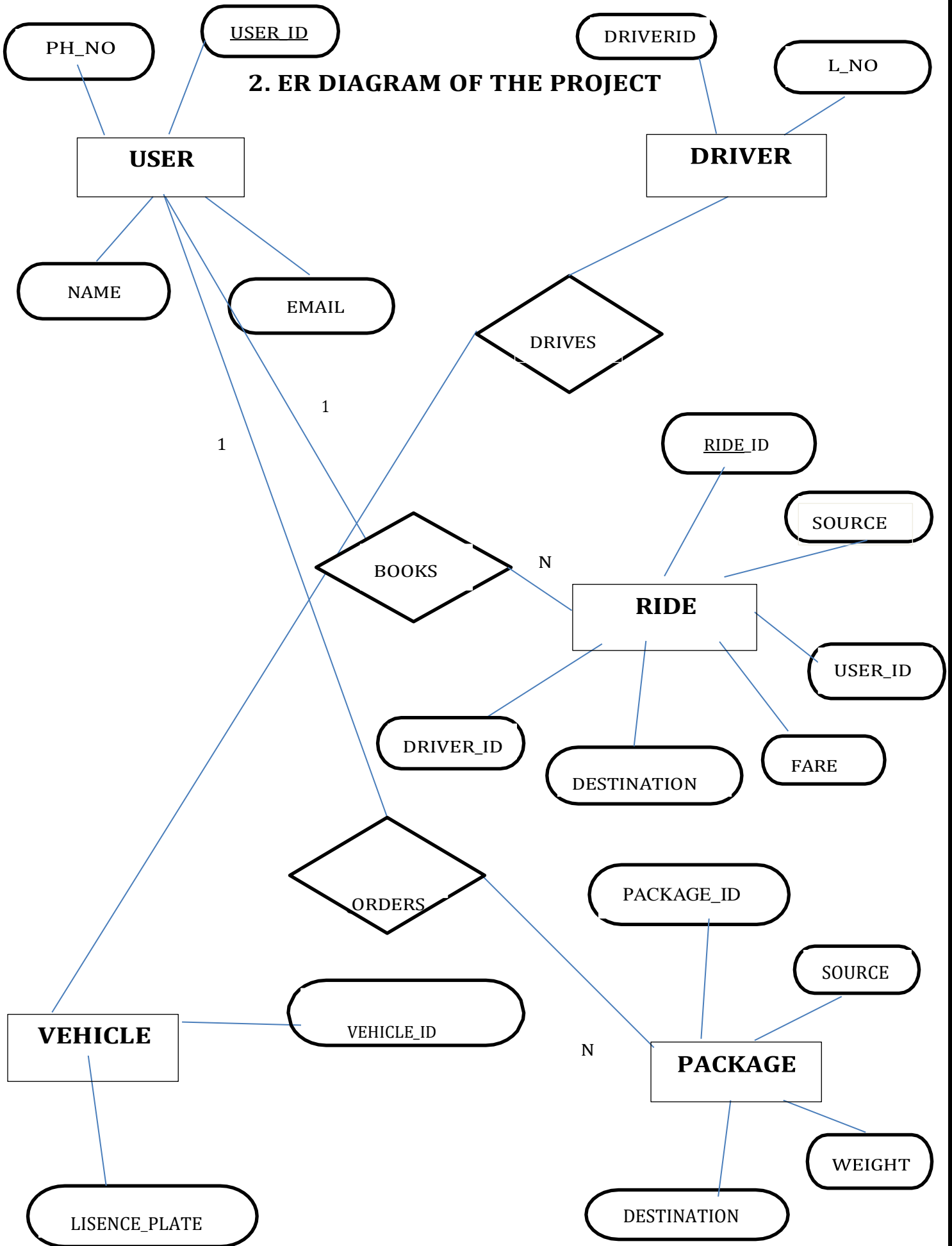
2.1 Hardware Requirements:

- A PC with the following or greater specifications:
 - Intel Core i3 or higher
 - 8 GB RAM
 - 500 GB Hard Drive
- A stable internet connection (2Mbps or higher)

2.2 Software Requirements:

- Operating system : Windows, Linux
- Front end technologies are : HTML, CSS, JavaScript
- IDE : VS Code, Sublime text
- Back end requirement : PHP/Node.js
- Server : XAMPP server/Node.js

2. ER DIAGRAM OF THE PROJECT



4. SCHEMA OF THE PROJECT

USER

PH_NO	<u>USER_ID</u>	NAME	EMAIL
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RIDE

<u>RIDE_ID</u>	SOURCE	DESTINATION	FARE	<u>USER_ID</u>	<u>DRIVER_ID</u>
----------------	--------	-------------	------	----------------	------------------

DRIVER

<u>DRIVER_ID</u>	L_NO
------------------	------

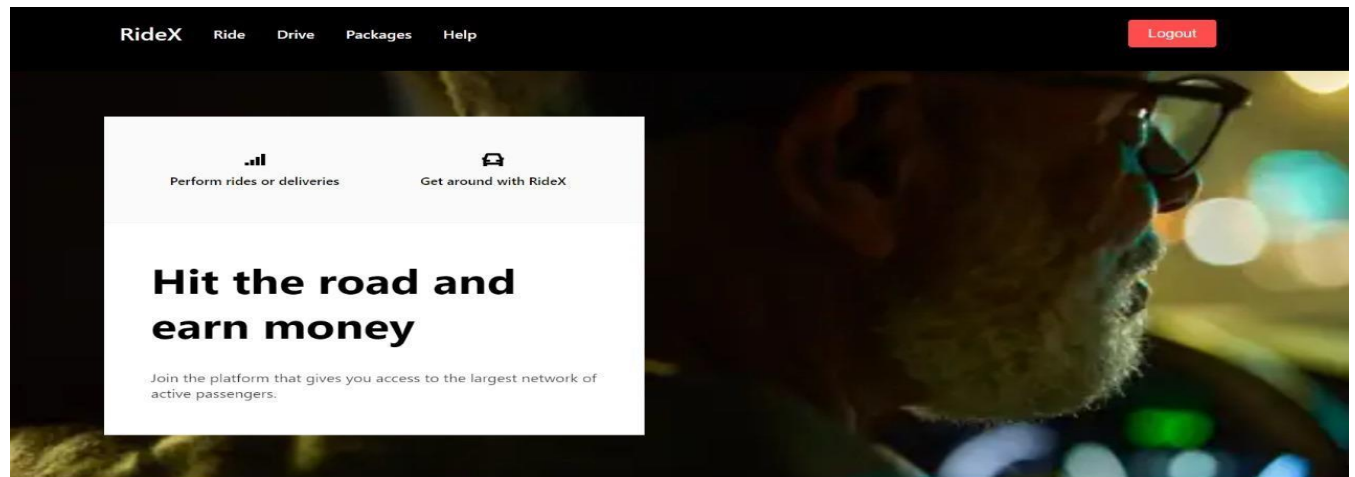
VEHICLE

<u>VEHICLE_ID</u>	LISENCE_PLATE
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PACKAGE

<u>PACKAGE_ID</u>	WEIGHT	SOURCE	DESTINATION	USER_ID
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USER INTERFACE DESIGN



Wherever you go, your safety is our priority

Fig:1 Homepage

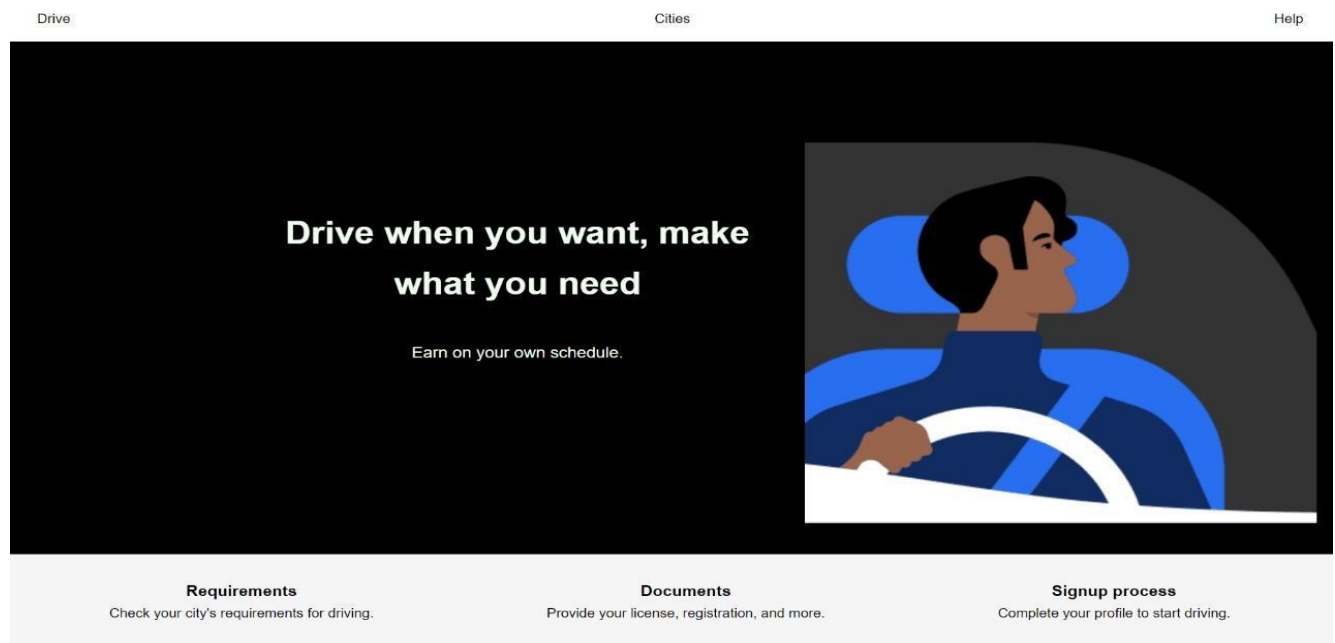
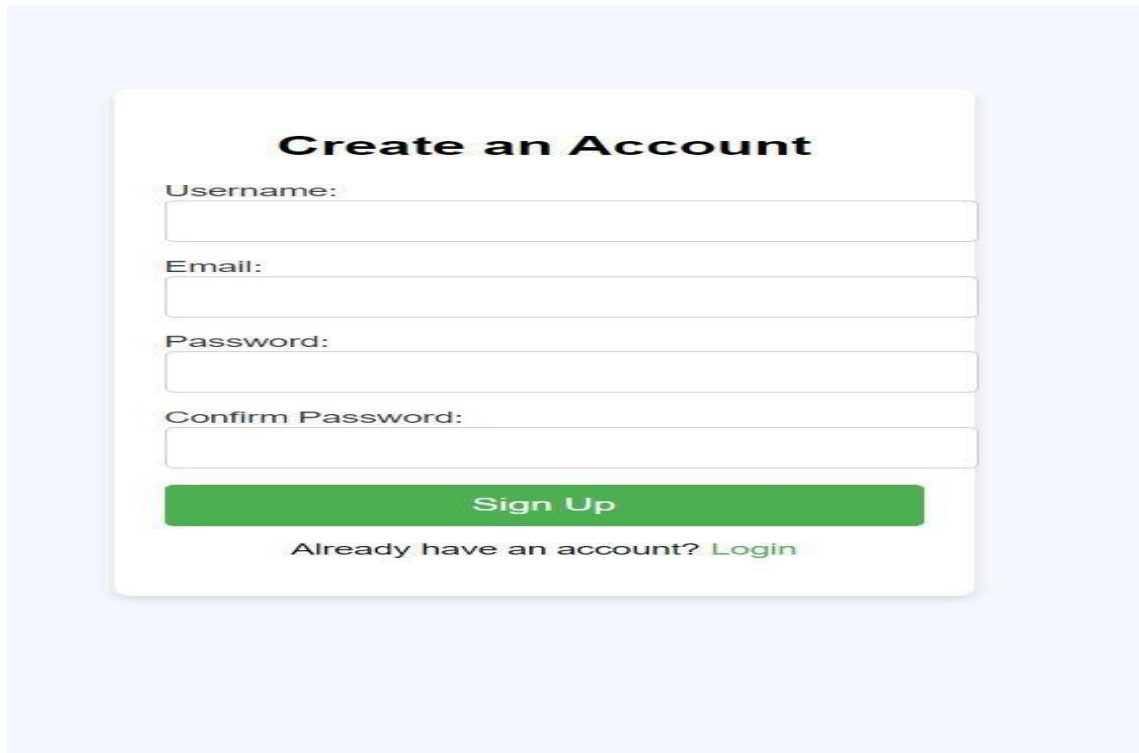


Fig: 2 Driver Page



Create an Account

Username:

Email:

Password:

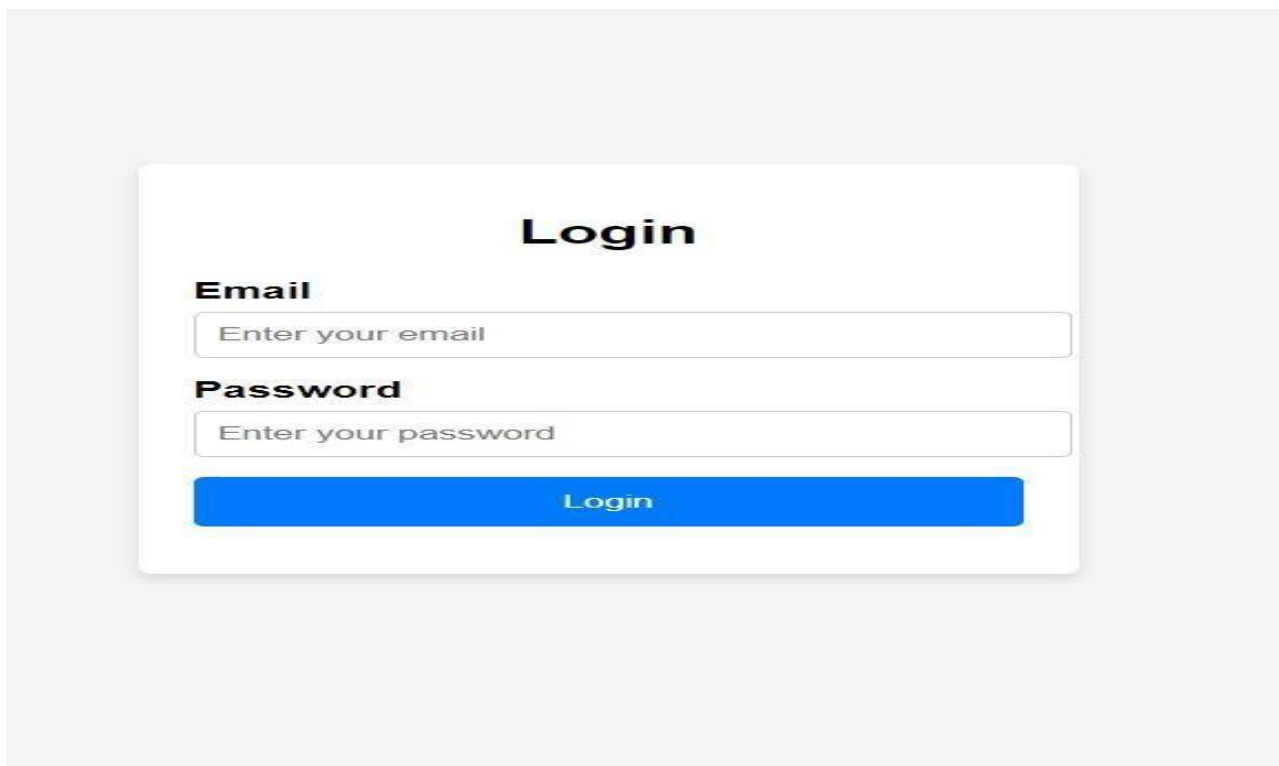
Confirm Password:

Sign Up

Already have an account? [Login](#)

The image shows a 'Create an Account' form on a light blue background. The form is white with a subtle shadow. It contains four input fields for Username, Email, Password, and Confirm Password, each with a label above it. Below the fields is a green 'Sign Up' button. At the bottom, there is a link that says 'Already have an account? Login'.

Fig 3: Sign Up Page



Login

Email

Password

Login

The image shows a 'Login' form on a light gray background. The form is white with a subtle shadow. It has a title 'Login' at the top. Below it are two input fields: one for 'Email' with the placeholder text 'Enter your email', and one for 'Password' with the placeholder text 'Enter your password'. At the bottom is a blue 'Login' button.

Fig 4 : Login Page

Ready to Drive?

Register

Full Name:

Email Address:

Phone Number:

Upload Profile Photo:

No file chosen

Upload Driving License:

No file chosen

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Fig 5: Driver Register Page

Go Anywhere with RideX

Ride

Package

Pickup Location

Dropoff Location

Date

Time

Map

Satellite

Available Rides

RideX Go

Affordable compact rides

ETA: 4 mins

₹888.84

Premier

Comfortable sedans, top-quality drivers

ETA: 5 mins

₹1111.05

RideXL

Comfortable SUVs

ETA: 5 mins

₹1481.40

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Fig 6: Ride Search Page

Send Packages with RideX

Pickup Location

Bengaluru University, Mysore R

Dropoff Location

Kalasipalya Chakna Center, Ka

Select Item

Electronics (₹50/km)

Select Delivery Date

03-01-2025

Select Delivery Time

05:15

See Prices



Package Details

Package: electronics

Distance: 10.23 km

Price: ₹511.5

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Fig 7: Package sending

Help Center - RideX

Getting Started

What is RideX? Your App Name is a ride-hailing app that connects riders with drivers.

How do I sign up? Visit the [Sign-Up Page](#) or download the app and follow the instructions.

How do I book a ride? Open the app, enter your locations, choose a ride, and tap "Confirm Ride."

For Riders

How can I track my ride? Use the real-time map in the app after booking.

How do I cancel a ride? Tap "Cancel Ride" in the ride summary screen.

How do I contact my driver? Use the in-app messaging or call option.

For Drivers

How do I register as a driver? Sign up on the [Driver Sign-Up Page](#).

How do I accept rides? Tap "Accept" when a ride request appears.

How do I contact support? Use the "Help" section in the app.

Payments

What payment methods are supported? CrediUdebit cards, e-wallets, and cash (in some areas).

How do I update my payment method? Go to "Payment Settings" in the app.

How do I view receipts? Check "Ride History" in your account.

Contact Us

Email: support@RideX.com

Phone: +1-800-123-4567

REFERENCES

- <https://www.uber.com/in/en/>
- <https://www.lyft.com/>
- <https://bolt.eu/>