

Rastrealo

**A Transportation Management
System**

Shashank Bagda (92100133020)

.NET Technologies (01CT1518)

Sem – 5th

Degree Engineering

in

Information and Communication Technology



**Marwadi
University**
Marwadi Chandarana Group

Faculty of Technology

Marwadi University, Rajkot

INDEX

- **Summary**
- **Flow Chart**
- **All design's input and output**

1. Project Overview:

- Introduction

The Rastreale Transportation Management System is an innovative solution designed to streamline and optimize transportation services for educational institutions. It offers real-time tracking, efficient scheduling, and automated notifications to ensure safe and timely transport for students and staff.

- Key Features

1. Real-time Tracking

- Allows real-time monitoring of buses and student routes.
- Ensures safety and enables timely arrivals by providing live tracking information.

2. Efficient Scheduling

- Enhances operational efficiency by planning and managing transportation resources effectively.

- System Components

1. Admin Dashboard

- Provides administrative access to manage bus routes, schedules, and user accounts.
- Allows customization of transportation-related settings.

2. Driver Dashboard

- Enables drivers to view assigned routes, track buses in real-time, and communicate updates.
- Facilitates efficient navigation and ensures adherence to schedules.

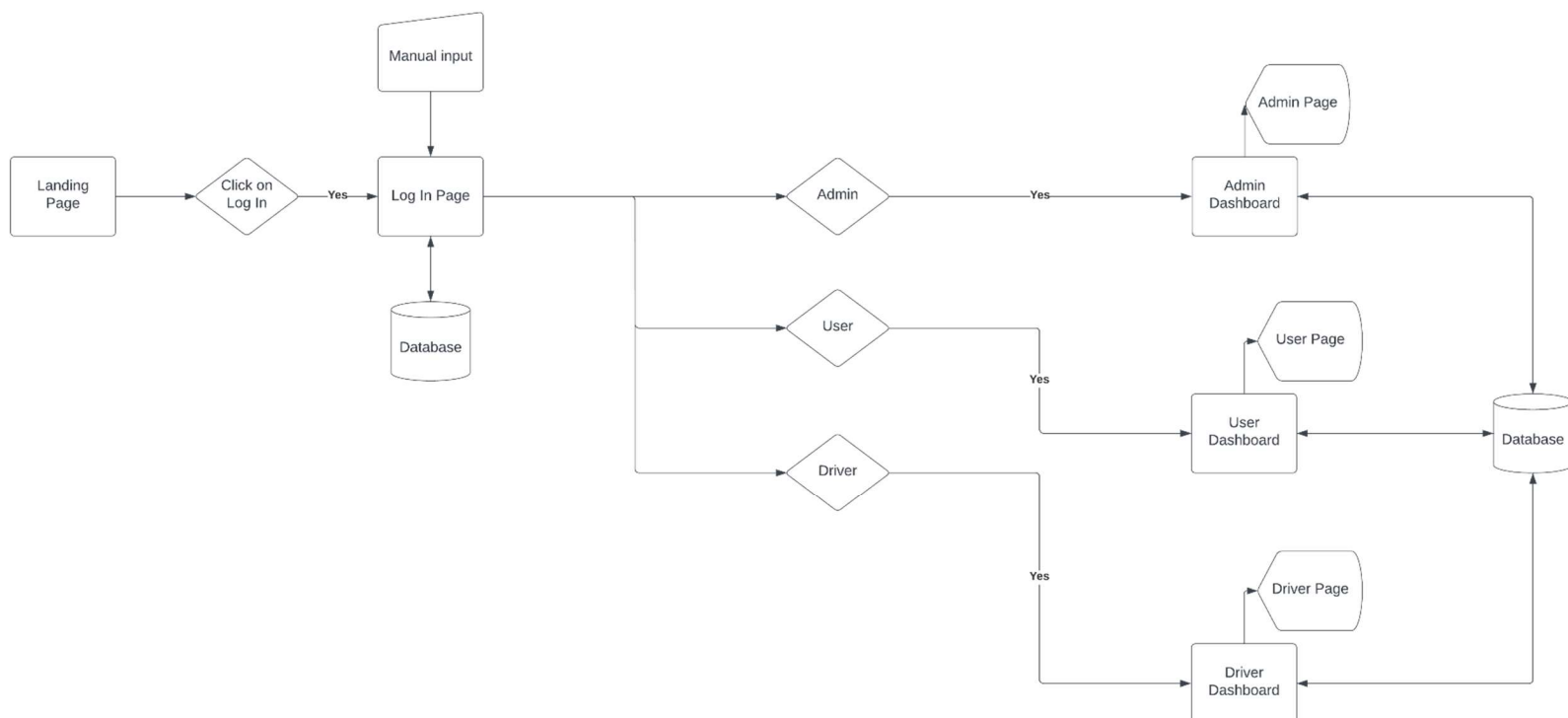
3. Student Portal

- Allows students and parents to access real-time bus locations and schedules.
- Enhances safety and convenience by providing transportation information.

- Conclusion


The Rastrealo Transportation Management System is a comprehensive solution that enhances transportation efficiency, safety, and convenience for educational institutions. It amalgamates advanced technology to optimize routing, tracking, and communication, providing a reliable transportation infrastructure for students, drivers, and administrators.

2. Flow Chart:



3. All design's input and output

Index Page




Rastrealo Transportation Management System

Efficient and Safe Transport Solutions

Log In

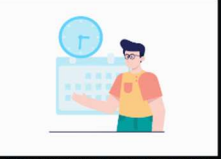
Features

Real-time Tracking




Track buses and routes in real-time, ensuring safety and timely arrivals.

Efficient Scheduling



Optimize bus routes and schedules to reduce travel time and fuel consumption.

Automated Notifications



Receive automated notifications about bus arrivals, delays, and route changes.

Our Pricing

Silver Plan

\$19.99/month

Basic features included

Limited access to premium content

Email support

Get Silver Plan

Gold Plan

\$49.99/month

Unlimited access to all features

24/7 customer support

Exclusive content

Get Gold Plan

Platinum Plan

\$79.99/month


Priority access to new features

Personal account manager

Ad-free experience

Get Platinum Plan

About The Developer



Welcome to Rastrealo, your reliable companion on the roads! This innovative transportation solution was crafted with passion and expertise by our dedicated developer,

Shashank Bagda

He is a skilled technologist with a strong background in .NET, JavaScript, and real-time communication frameworks like SignalR and Google Services. With a passion for creating impactful solutions, he turned the vision of Rastrealo into a reality.



Have a question, suggestion, or just want to say hello? We would love to connect with users and fellow tech enthusiasts.

Contact Us

If you have any questions or inquiries, feel free to reach out to us:

Email: shashankbagda167@gmail.com

Phone: +91 72030 39929

Login Page

Rastrealo

☒ Admin ☐ User ☐ Driver

admin

password

Log In

User Page

Your Bus Schedule

	Pick Up	Drop In
Bus Stop	SNK School	SNK School
Shift	1	2
Start Time	6:25 AM	4:25 PM
End Time	7:00 AM	5:15 PM
Bus No	20	36
Driver Name	Mr. Ranjitsinh Rauma	Mr. Rajdeepsinh Jadeja
Contact No	7203039929	7203039929

Select Shift :

Shift - 1 (Pick Up) ▾

Enter Bus No / Stop Name :

Enter Here

Search

Bus Route
Stop 1
Stop 2
Stop 3
Stop 4
Stop 5



Admin Page



Rastrealo

Welcome, admin

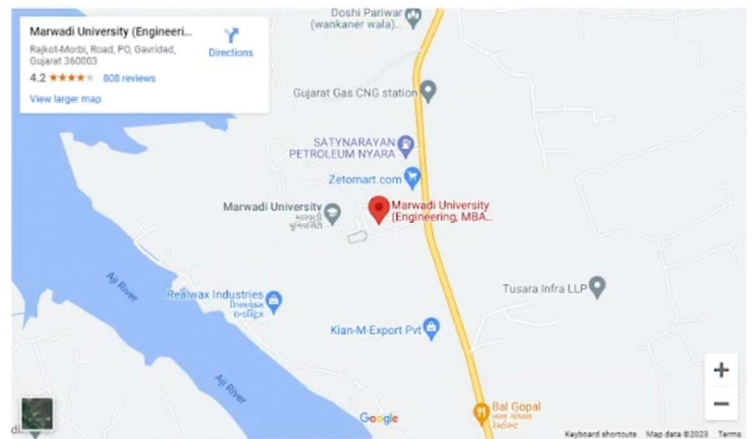
Log Out

Enter Bus No / Stop Name :


Enter Here

Bus No	Bus Route	Actions
1	West zone	Edit Details Delete
2	Akashwani Chowk	Edit Details Delete
5	Trikonbag	Edit Details Delete
10	Gondal	Edit Details Delete
24	morbi	Edit Details Delete
5	A	Edit Details Delete
5	B	Edit Details Delete
5	C	Edit Details Delete
5	D	Edit Details Delete
5	jamnagar	Edit Details Delete

Add Route



Driver Page

 Rastrealo

Welcome, Driver

Log Out

Today's Routes

Route	Start Time	End Time	Total Stops	Status
Route 1	8:00 AM	9:30 AM	5	Completed
Route 2	8:00 AM	9:30 AM	7	Active

Bus No : XX

11:40:57 AM

Bus Route
Stop 1
Stop 2
Stop 3
Stop 4
Stop 5



No of Passengers :

-

0

+

Save