

**A PROJECT REPORT
ON
“INNER CITY TRANSPORT SERVICE”
(ONLINE TICKETING)**

**Submitted to
Bangladesh University of Business and Technology**

**In Partial Fulfilment of the Requirements of
Software Engineering Lab- Project**

**B.sc in
Computer Science and Engineering
BY**

Radia Binte Reza	19202103246
Md. Ebrahim Hossain	19202103253
Anupam Kumar	19202103261
Farhan Israq	19202103272

**UNDER THE GUIDANCE OF
Sweety Lima
Lecturer Dept. of CSE**



**DEPARTMENT OF Computer Science and Engineering
Bangladesh University of Business and Technology(Dhaka-1216)
Year-2022**

Bangladesh University of Business and Technology
Department of Computer Science and Engineering
Dhaka-1216



CERTIFICATE

This is certify that the project entitled

**”Inner City Transport Service”
(Online Ticketing)**

submitted by

Radia Binte Reza	19202103246
Md. Ebrahim Hossain	19202103253
Anupam Kumar	19202103261
Farhan Israq	19202103272

fulfilment of the requirement for the award of Degree of Bachelor of Engineering (Computer science and Engineering) at Bangladesh University of Business and Technology. This work is done during year 2022, under our guidance.

Date: 29/11/2022

Sweety Lima

Project Guide

Dedication

Dedicated to our parents for all their love and inspiration.

Acknowledgements

We are profoundly grateful to **Sweety Lima** for his expert guidance and continuous encouragement throughout to see that this project rights its target since its commencement to its completion.

At last we must express our sincere heartfelt gratitude to all the staff members of Computer Engineering Department who helped me directly or indirectly during this course of work.

Radia Binte Reza
Md. Ebrahim Hossain
Anupam Kumar
Farhan Israq

DECLARATION

We , hereby declare that the discussion entitled "**Inner City Transport Service**" (**Online Ticketing**) being submitted by us towards the partial fulfillment of the requirement for the course of Software Enginnering Lab, Department of Computer Science and Engineering is a project work carried by us under the supervision of "**Sweety Lima**" mam and have not been submitted anywhere else. We will be the responsible if any mistake found there .

Radia Binte Reza

Md. Ebrahim Hossain

Anupam Kumar

Farhan Israq

ABSTRACT

Inner city transport service is a project to hire all companies in a single company and run all buses sequentially in several routes. All bus tickets will be sold online. No bus can't wait for passengers. All buses run at the correct time. No passenger can enter without a ticket. At this time the project is only for an online ticketing service. It helps to buy bus tickets easily. and the supervisor can check tickets easily. The admin can add update delete information to several tables.

Contents

1	Introduction	2
1.1	Overview:	2
1.2	Introduction:	2
1.3	Project Description	3
1.4	Objective:	4
2	System Analysis	5
2.1	Requirement :	5
2.1.1	Frontend:	5
2.1.2	Backend :	5
2.2	Use Case Diagram :	6
2.3	ER Diagram:	7
3	System Design Analysis	9
3.1	Front-End Design :	9
3.1.1	HTML:	9
3.1.2	CSS :	9
3.1.3	JAVASCRIPT :	10
3.2	Back-End Design :	10
3.2.1	PHP :	10
3.2.2	MYSQL :	11
4	System User Analysis	12
4.1	System User Analysis :	12
4.1.1	Admin :	12
4.1.2	Passenger:	12
4.1.3	Supervisor	12
5	Architectural Design and Implementation	13
5.1	Admin	13

5.1.1	Login	13
5.1.2	Admin panel	14
5.2	Passenger	25
5.2.1	Index	25
5.2.2	Sign up/Sign in	25
5.2.3	Passenger panel	26
5.2.4	Book a ticket	26
5.2.5	Owned Ticket	29
5.2.6	Passenger profile	30
5.3	Supervisor	30
5.3.1	Login	30
5.3.2	Supervisor panel	31
5.3.3	Check ticket	31
5.3.4	Already check ticket	32
5.3.5	Supervisor profile	32
6	Conclusion and Future Scope	33
6.1	Limitation	33
6.2	Conclusion	33
6.3	Future Scope	33
References		34

List of Figures

2.1	USE CASE	6
2.2	ER Diagram	8
5.1	ADMIN LOGIN	13
5.2	ADMIN Route	14
5.3	ADD Route	14
5.4	Update Route	15
5.5	Delete Route	15
5.6	ADMIN Bus	16
5.7	Add bus	16
5.8	Update bus	17
5.9	Delete bus	17
5.10	ADMIN driver	18
5.11	Add bus	18
5.12	Update driver	19
5.13	Delete driver	19
5.14	ADMIN Supervisor	20
5.15	Add Supervisor	20
5.16	Update Supervisor	21
5.17	Delete Supervisor	21
5.18	Admin Passenger	22
5.19	Delete passenger	22
5.20	Admin Ticket	23
5.21	Admin profile	23
5.22	Main database	24
5.23	Index page	25
5.24	Passenger signup	25
5.25	Passenger signin	26
5.26	Userpanel	26
5.27	Buy ticket	27

5.28	Choose ticket	27
5.29	payment	28
5.30	view information and download	28
5.31	Downloaded ticket	29
5.32	My tickets	29
5.33	Passenger profile	30
5.34	Supervisor Login	30
5.35	Supervisor Panel	31
5.36	Available ticket on Supervisor bus	31
5.37	Already check ticket	32
5.38	Spervisor profile	32

Chapter 1

Introduction

1.1 Overview:

This report discusses the result of the work done in the development of the “INNER CITY BUS SERVICES” on PHP MySQL. It is a part of the project going in Computer Science Department, BUBT and aims at the development of an application for providing a common platform for facilitating the use of methodological approach developed by our team and integration of various tools developed during the execution of the project. Overall description consists of the background of the entire specific requirement. It also gives explanation about actors and function which is used. It gives explanation about the architecture diagram and it also gives what we are assumed and the dependencies. It also supports specific requirements and also it supports functional requirements, and supplementary requirements other than the actor which is used. It also gives index and appendices. It also gives explanation about any doubts and queries.

1.2 Introduction:

In this modern world, where every thing greatly relies on technology there is a possible to develop unique application which can justify the problems faced by ordinary methodology to achieve a desired functionality in a real time system. Our project belongs to that half. The main purpose of our project is to reduce traffic jams. In our daily lives we have to face a lot of traffic jams while we travelling to different places. As a result, we waste a lot of time. For this reason, the Government has introduced ‘NOGOR PORIBOHON’ platform which will operate at fixed times and routes which makes our daily life easier. And making this platform popular and maintains transport system easier,

1.3 Project Description

So we develop this application. In this system user can access to our application features. There are three types of users can access this they are admin, supervisor and passengers. Admin can control entire system. This project is a real time application that is being developed for CITY TRANSPORT MANAGEMENT. The project takes HTML,CS,JS as development platform and PHP is the language used for development and used MySql for store all data in local database. The CITY TRANSPORT MANAGEMENT system is designed in a simplest manner, very much user friendly so that the people using it should not struggle with the operational feature of the system.

So, our application will give enough support to passenger to manage their travels.

1.4 Objective:

The key objects of the project are as follows:

- . Provide a better application to reduce traffic jam.
- . To maintain the proper time schedules all transport system.
- . To provide registration option for all passengers.
- . To provide a personal profile for every registered employee and admin. Where they can login by using username or password and also can update their own information.
- . There is no fear of losing document, and it's easy to find any route information easily.
- . To provide a platform to the admin so that they can update all information from anywhere with internet access.

Chapter 2

System Analysis

In this chapter, we will discuss and analyze about the developing process of ”Inner City Transport Service”

2.1 Requirement :

2.1.1 Frontend :

- 1.HTML
- 2.CSS
- 3.JAVASCRIPT

2.1.2 Backend :

- 1.PHP
- 2.MYSQL

2.2 Use Case Diagram :

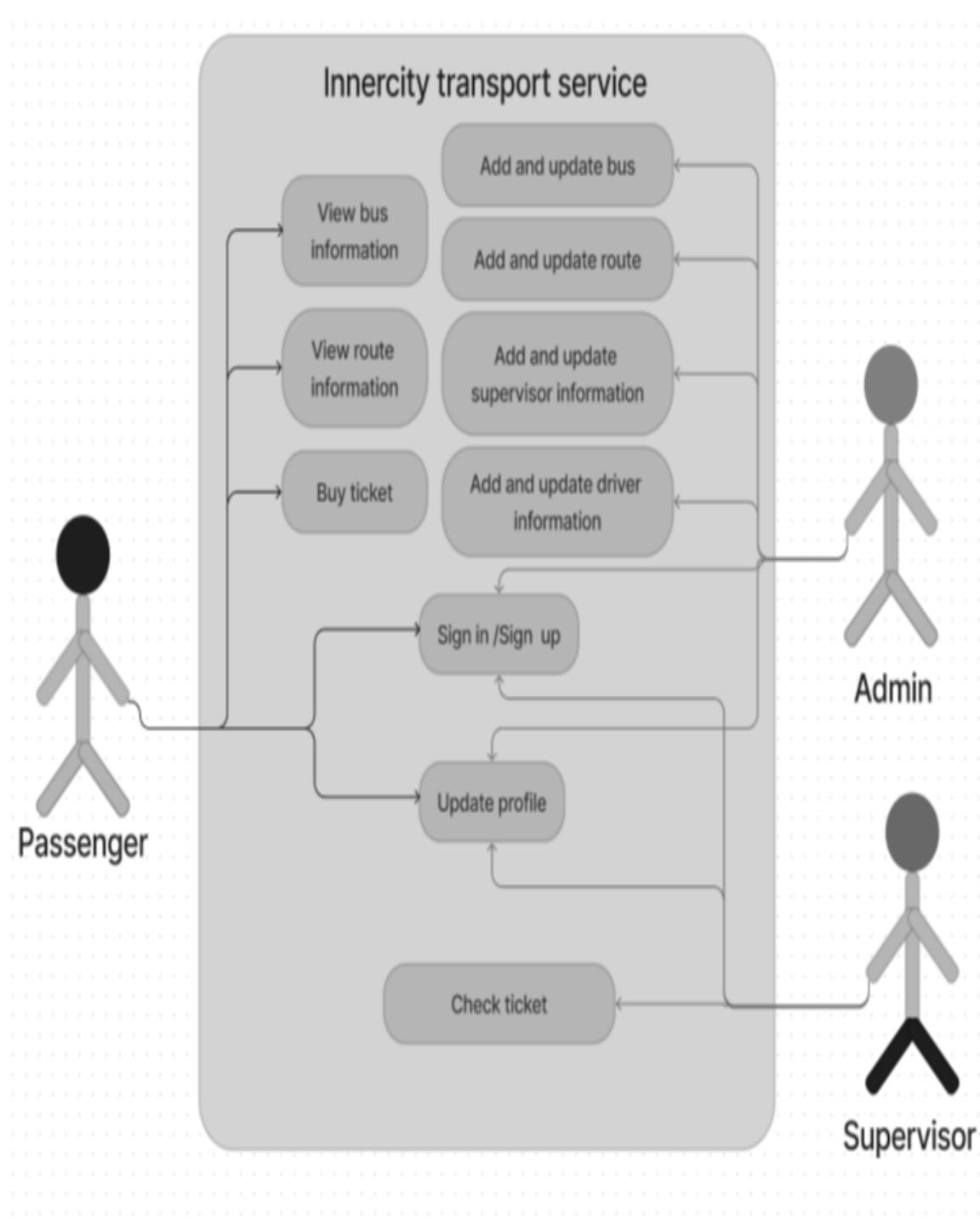


Figure 2.1: USE CASE

2.3 ER Diagram:

Here, Entity Relationship Diagram, also known as ERD, ER Diagram or ER model, is a type of structural diagram for use in database design. An ERD contains different symbols and connectors that visualize two important information: The major entities within the system scope, and the inter-relationships among these entities. Our ER diagram is given below that shows containing relationships between our database entities. An alumni database contains a group of related pieces of data such as their demographic profile and work-related information that are managed through database management system (DBMS) software. It involves creation and maintenance of access rights which controls users' access. As shown in figure 2.2, the system consists of the following tables:

- 1.passenger,
- 2.admin,
- 3.route,
- 4.driver,
- 5.ticket,
- 6.bus and
- 7.supervisor

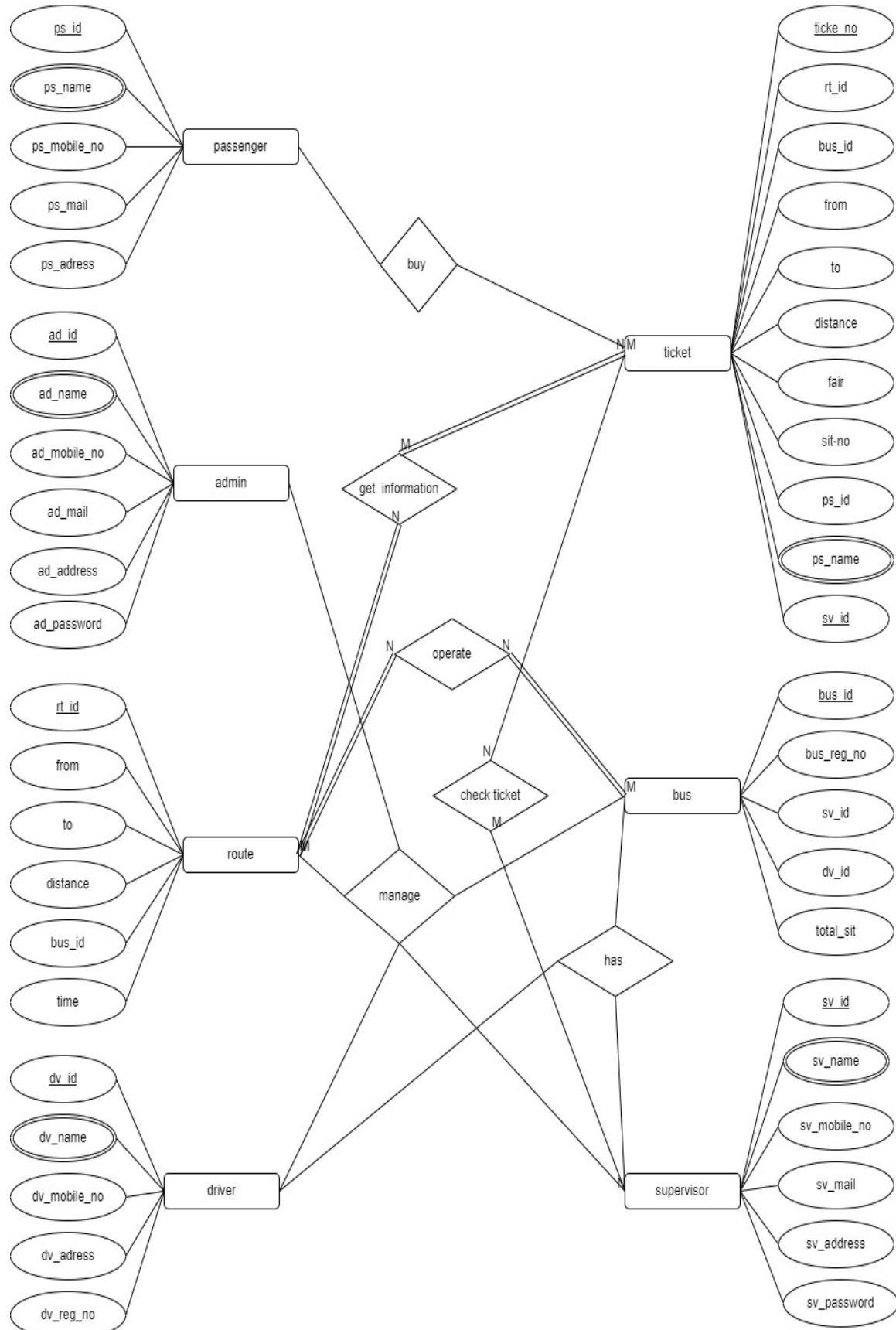


Figure 2.2: ER Diagram

Chapter 3

System Design Analysis

3.1 Front-End Design :

In this project "Inner City Transport Service" we use 3 types of language for front-end design. These are mentioned below:

- 1.HTML
- 2.CSS
- 3.JAVASCRIPT

3.1.1 HTML:

Html is an acronym which stands for Hyper Text Markup Language which is used for creating web pages and web applications. It can be assisted by technologies such as cascading style sheets (css) and scripting languages such as javascript. Html is a markup language which is used for creating attractive web pages with the help of styling, and which looks in a nice format on a web browser. An html document is made of many html tags and each html tag contains different content.

3.1.2 CSS :

Cascading style sheets (css) is a style sheet language used for describing the presentation of a document written in a markup language like html, css is a cornerstone technology of the world wide web, alongside html and javascript css is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant css in a separate css file and reduce complexity and repetition in the structural content. The name cascading comes from

the specified priority scheme to determine which style rule applies if more than one rule matches a particular element. This cascading priority scheme is predictable.

3.1.3 JAVASCRIPT :

Javascript is a dynamic computer programming language. It is lightweight and most commonly used as a part of web pages, whose implementations allow client side script to interact with the user and make dynamic pages. It is an interpreted programming language with object-oriented capabilities. Client side javascript is the most common form of the language. The script should be included in or referenced by an html document for the code to be interpreted by the browser. It means that a web page need not be a static html, but can include programs that interact with the user, control the browser, and dynamically create html content. The javascript client side mechanism provides many advantages over traditional CGI server side scripts. Javascript can be used to trap user-initiated events such as button clicks, link navigation, and other actions that the user initiates explicitly or implicitly.

3.2 Back-End Design :

In this project Online Examination System we use two types of language for back-end design. These are mentioned below:

1. PHP
2. MYSQL

3.2.1 PHP :

In this project online examination system we use php for back-end design. PHP is a server side scripting language. That is used to develop static websites or dynamic websites or web applications. PHP stands for hypertext pre-processor, that earlier stood for personal home pages. PHP scripts can only be interpreted on a server that has php installed. PHP is especially suited for web development and can be embedded into html. The client computers accessing the php scripts require a web browser only. A php file contains php tags and ends with the extension ".php". A script is a set of programming instructions that is interpreted at runtime. PHP is a server side script that is interpreted on the server while javascript is an example of a client side script that is interpreted by the client browser. Both php and javascript can be embedded into html pages.

3.2.2 MYSQL :

MYSQL is one of the most recognizable technologies in the modern big data ecosystem. Often called the most popular database and currently enjoying widespread, effective use regardless of industry, it's clear that anyone involved with enterprise data or general. It should at least aim for a basic familiarity of mysql. With mysql, even those new to relational systems can immediately build fast, powerful, and secure data storage systems. MYSQL programmatic syntax and interfaces are also perfect gateways into the wide world of other popular query languages and structured data stores. Though mysql relational nature and the ensuing rigid storage structures might seem restrictive, the tabular paradigm is perhaps the most intuitive, and ultimately allows for greater usability. In fact, mysql makes many concessions to supporting the widest possible variety of data structures, from the standard but rich logical, numeric, alphanumeric, date, and time types, to more advanced json or geospatial data. Beyond mere data types and an expansive built in feature set, the mysql ecosystem also includes a variety of tools, easing everything from server management to reporting and data analysis.

Chapter 4

System User Analysis

In this chapter, we will discuss and analyze about the front end and back end design of ”Inner City Transport Service”

4.1 System User Analysis :

Our program will contain 3 type of access. One is for admin another two are for passenger and supervisor. Our program will be quiet user friendly. Here we r describing our methods by which we defined information in our “Inner City Transport Service (Online Ticketing) ” are given below:

4.1.1 Admin :

In our system we have assigned admin Admin is responsible for maintaining information of system. The admin can add data to route, bus, supervisor and driver data. Admin can update and delete route ,bus and supervisor. Admin can view any table data.

4.1.2 Passenger:

First of all, all the passenger will have to register with their mail and login password. After they registered the form they can modify hisinformation ,buy ticket and check/cancel hisold ticket.

4.1.3 Supervisor

The supervisor have to login supervisor panel. He will got ticket information according to sold ticket of his bus. Then he can check passenger ticket.

Chapter 5

Architectural Design and Implementation

”Inner City Transport Service” project has three types of access.

- 1.Admin
- 2.Passenger
- 3.Supervisor

5.1 Admin

5.1.1 Login

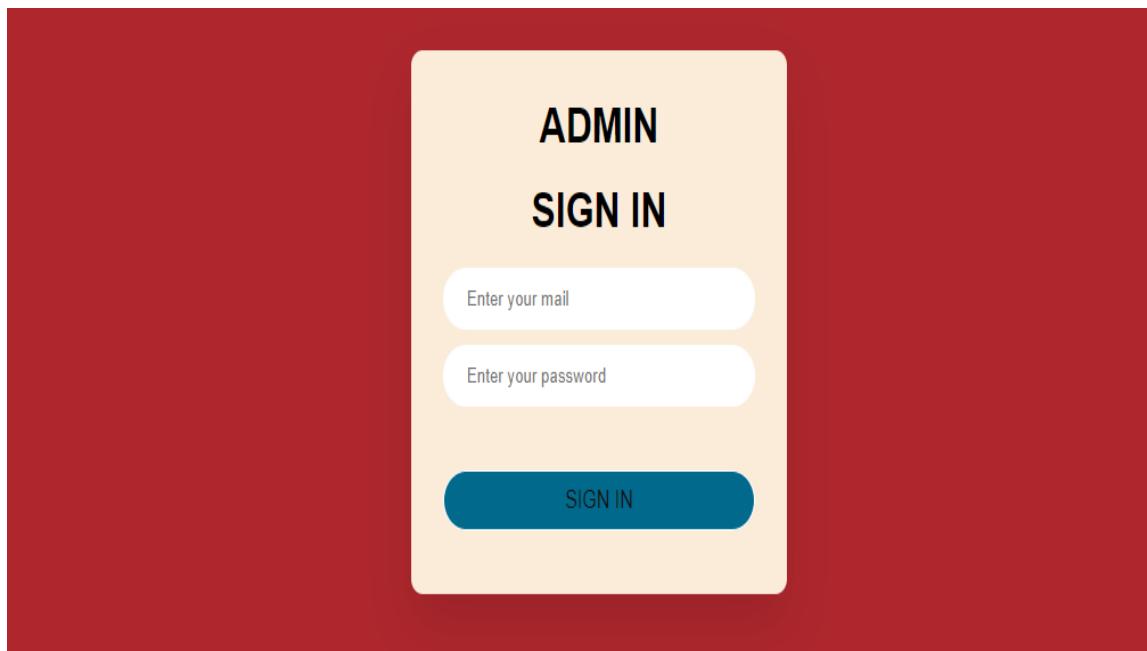


Figure 5.1: ADMIN LOGIN

5.1.2 Admin panel

Route

ROUTE INFORMATION								
ROUTE	ADD	ROOT ID	FROM	TO	DISTANCE	BUS ID	TIME	OP
BUS		RT001	MIRPUR1	MIRPUR2	10	BBB001	00:00	<button>update</button> <button>delete</button>
DRIVER		RT002	MIRPUR2	MIRPUR3	11	BBB001	00:15	<button>update</button> <button>delete</button>
SUPERVISOR		RT003	MIRPUR3	MIRPUR4	12	BBB001	00:30	<button>update</button> <button>delete</button>
PASSENGER		RT004	MIRPUR4	MIRPUR1	9	BBB001	00:45	<button>update</button> <button>delete</button>
TICKET		RT005	MIRPUR1	MIRPUR4	9	BBB002	00:00	<button>update</button> <button>delete</button>
PROFILE		RT006	MIRPUR4	MIRPUR3	12	BBB002	00:15	<button>update</button> <button>delete</button>
		RT007	MIRPUR3	MIRPUR2	11	BBB002	00:30	<button>update</button> <button>delete</button>
		RT008	MIRPUR2	MIRPUR1	10	BBB002	00:45	<button>update</button> <button>delete</button>
		RT009	MIRPUR1	MIRPUR3	21	BBB001	00:00	<button>update</button> <button>delete</button>

Figure 5.2: ADMIN Route

Add

ADD ROUTE

Route Id
From
To
Distance
select
 0

ADD DATA

Figure 5.3: ADD Route

Update



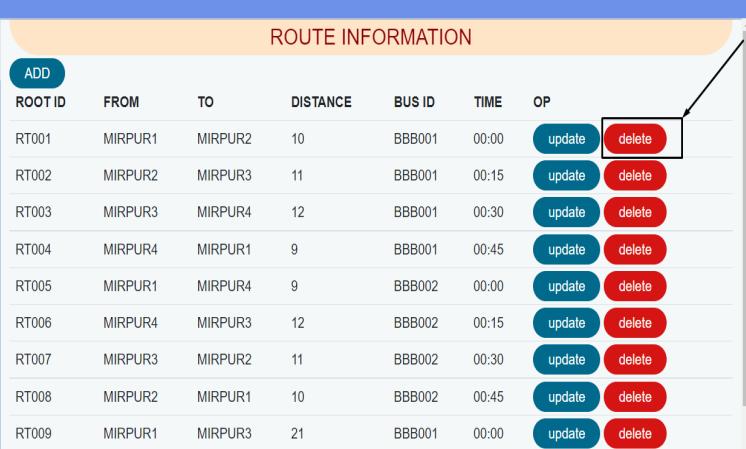
The form is titled "UPDATE ROUTE". It contains the following fields:

- Route id: RT001
- From: MIRPUR1
- To: MIRPUR2
- Distance: 10
- Bus id: BBB001
- Time: 12:00 AM

At the bottom is a blue "UPDATE DATA" button.

Figure 5.4: Update Route

Delete



The Admin Panel shows a table of "ROUTE INFORMATION". The table has columns: ROOT ID, FROM, TO, DISTANCE, BUS ID, TIME, and OP (Operations). The "OP" column contains "update" and "delete" buttons for each row. A red box highlights the "delete" button in the first row, and a red arrow points from this box to the "delete" button in the table.

ROUTE	ROUTE INFORMATION							
	ADD	ROOT ID	FROM	TO	DISTANCE	BUS ID	TIME	OP
BUS		RT001	MIRPUR1	MIRPUR2	10	BBB001	00:00	<button>update</button> <button>delete</button>
DRIVER		RT002	MIRPUR2	MIRPUR3	11	BBB001	00:15	<button>update</button> <button>delete</button>
SUPERVISOR		RT003	MIRPUR3	MIRPUR4	12	BBB001	00:30	<button>update</button> <button>delete</button>
PASSENGER		RT004	MIRPUR4	MIRPUR1	9	BBB001	00:45	<button>update</button> <button>delete</button>
TICKET		RT005	MIRPUR1	MIRPUR4	9	BBB002	00:00	<button>update</button> <button>delete</button>
PROFILE		RT006	MIRPUR4	MIRPUR3	12	BBB002	00:15	<button>update</button> <button>delete</button>
		RT007	MIRPUR3	MIRPUR2	11	BBB002	00:30	<button>update</button> <button>delete</button>
		RT008	MIRPUR2	MIRPUR1	10	BBB002	00:45	<button>update</button> <button>delete</button>
		RT009	MIRPUR1	MIRPUR3	21	BBB001	00:00	<button>update</button> <button>delete</button>

Figure 5.5: Delete Route

Bus

ADMIN PANEL INNERCITY TRANSPORT SERVICES									
ROUTE	BUS INFORMATION								
	ADD		BUS ID	BUS NAME	SUP ID	DIRVER ID	BUS REG NO	TOTAL SIT	OP
	BUS		BBB001	HANIF	SV00011	DV00011	00001	40	<button>update</button> <button>delete</button>
	DRIVER		BBB002	HANIF	SV00012	DV00012	000123	40	<button>update</button> <button>delete</button>
	SUPERVISOR		BBB003	RAJDHANI	SV00013	DV00013	123456	40	<button>update</button> <button>delete</button>
	PASSENGER		BBB004	SONALI	SV00014	DV00014	789654	40	<button>update</button> <button>delete</button>
	TICKET		BBB005	RUPSHA	SV00015	DV00015	456321	40	<button>update</button> <button>delete</button>
	PROFILE								

Figure 5.6: ADMIN Bus

Add

ADD BUS

Bus Id
Bus name
Supervisor id
Driver id
Bus Reg Number
Total Sit

ADD DATA

Figure 5.7: Add bus

Update



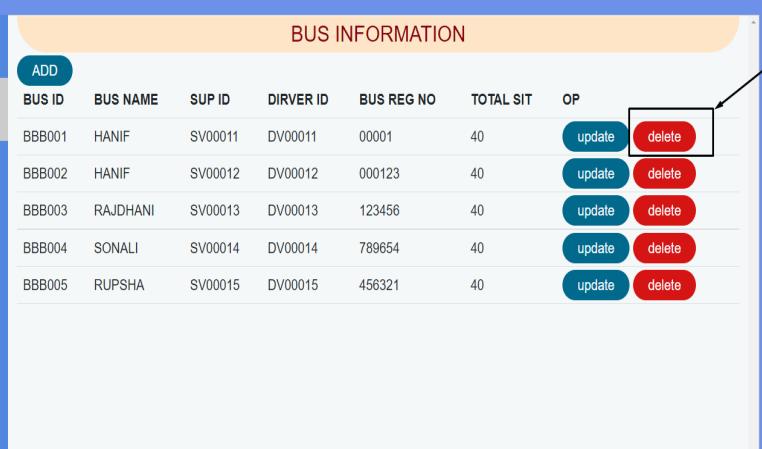
The form is titled "UPDATE BUS". It contains the following fields:

- Bus id: BBB001
- Bus name: HANIF
- Supervisor id: SV00011
- Driver id: DV00011
- Bus reg no: 00001
- Total sit: 40

At the bottom is a blue "UPDATE DATA" button.

Figure 5.8: Update bus

Delete



The Admin Panel shows a "BUS INFORMATION" table with the following data:

BUS ID	BUS NAME	SUP ID	DIRVER ID	BUS REG NO	TOTAL SIT	OP
BBB001	HANIF	SV00011	DV00011	00001	40	<button>update</button> <button>delete</button>
BBB002	HANIF	SV00012	DV00012	000123	40	<button>update</button> <button>delete</button>
BBB003	RAJDHANI	SV00013	DV00013	123456	40	<button>update</button> <button>delete</button>
BBB004	SONALI	SV00014	DV00014	789654	40	<button>update</button> <button>delete</button>
BBB005	RUPSHA	SV00015	DV00015	456321	40	<button>update</button> <button>delete</button>

Figure 5.9: Delete bus

Driver

ADMIN PANEL INNERCITY TRANSPORT SERVICES								
ROUTE BUS DRIVER SUPERVISOR PASSENGER TICKET PROFILE	DRIVER INFORMATION							
	ADD		ID	NAME	MOBILE NUMBER	REG NO	ADDRESS	OP
			DV00011	DV A111	123456	DV123456	DHAKA	<button>update</button> <button>delete</button>
			DV00012	DV A112	123457	DV123457	DHAKA	<button>update</button> <button>delete</button>
			DV00013	DV A113	123458	DV123458	DHAKA	<button>update</button> <button>delete</button>
			DV00014	DV A114	123459	DV123459	DHAKA	<button>update</button> <button>delete</button>
			DV00015	DV A115	123460	DV123460	DHAKA	<button>update</button> <button>delete</button>

Figure 5.10: ADMIN driver

Add

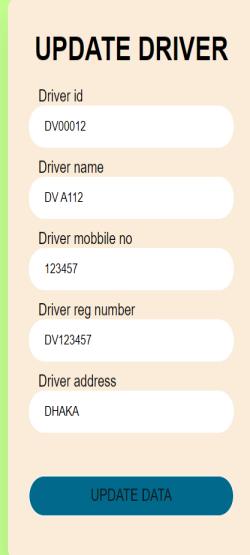
ADD DRIVER

Driver id
Driver name
Driver mobile no
Driver reg number
Driver address

ADD DATA

Figure 5.11: Add bus

Update



The image shows a modal window titled "UPDATE DRIVER". It contains five input fields with placeholder text: "Driver id" (DV00012), "Driver name" (DVA112), "Driver mobile no" (123457), "Driver reg number" (DV123457), and "Driver address" (DHAKA). Below the fields is a blue "UPDATE DATA" button.

Figure 5.12: Update driver

Delete



The image shows the "ADMIN PANEL" for "INNERCITY TRANSPORT SERVICES". On the left, a sidebar lists "ROUTE", "BUS", "DRIVER", "SUPERVISOR", "PASSENGER", "TICKET", and "PROFILE". The "DRIVER" option is selected. A central table titled "DRIVER INFORMATION" displays five rows of driver data:

ID	NAME	MOBILE NUMBER	REG NO	ADDRESS	OP
DV00011	DV A111	123456	DV123456	DHAKA	<button>update</button> <button>delete</button>
DV00012	DV A112	123457	DV123457	DHAKA	<button>update</button> <button>delete</button>
DV00013	DV A113	123458	DV123458	DHAKA	<button>update</button> <button>delete</button>
DV00014	DV A114	123459	DV123459	DHAKA	<button>update</button> <button>delete</button>
DV00015	DV A115	123460	DV123460	DHAKA	<button>update</button> <button>delete</button>

Figure 5.13: Delete driver

Supervisor

ADMIN PANEL INNERCITY TRANSPORT SERVICES						
ROUTE	SUPERVISOR INFORMATION					
	ADD					
	ID	NAME	MOBILE NUMBER	MAIL	ADDRESS	OP
	SV00011	SVA111	1234567	SV00011@gmail.com	DHAKA	<button>update</button> <button>delete</button>
	SV00012	SVA112	1234577	SV00012@gmail.com	DHAKA	<button>update</button> <button>delete</button>
	SV00013	SVA113	1234587	SV00013@gmail.com	DHAKA	<button>update</button> <button>delete</button>
	SV00014	SVA114	1234597	SV00014@gmail.com	DHAKA	<button>update</button> <button>delete</button>
	SV00015	SVA115	1234507	SV00015@gmail.com	DHAKA	<button>update</button> <button>delete</button>

Figure 5.14: ADMIN Supervisor

Add

ADD SUPERVISOR

supervisor Id
supervisor name
supervisor mobile no
supervisor mail
supervisor address
supervisor password

ADD DATA

Figure 5.15: Add Supervisor

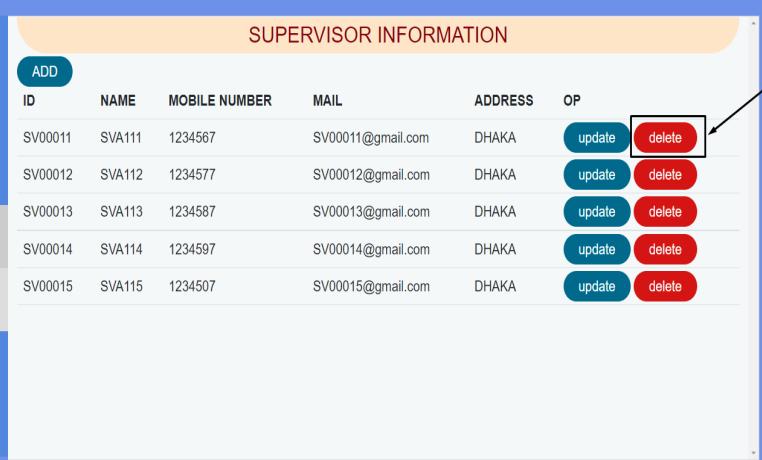
Update



The form is titled "UPDATE SUPERVISOR". It contains fields for supervisor id (SV00011), supervisor name (SVA111), supervisor mobile no (1234567), supervisor mail (SV00011@gmail.com), and supervisor address (DHAKA). A blue "UPDATE DATA" button is at the bottom.

Figure 5.16: Update Supervisor

Delete



The Admin Panel shows a table of supervisor information. The columns are ID, NAME, MOBILE NUMBER, MAIL, ADDRESS, and OP (Operations). The table has 5 rows of data. The "OP" column for each row contains two buttons: "update" (blue) and "delete" (red). An arrow points from the text "Delete Supervisor" in the caption to the "delete" button of the first row.

SUPERVISOR INFORMATION							
ADD		ID	NAME	MOBILE NUMBER	MAIL	ADDRESS	OP
ROUTE	BUS	SV00011	SVA111	1234567	SV00011@gmail.com	DHAKA	<button>update</button> <button>delete</button>
DRIVER	SUPERVISOR	SV00012	SVA112	1234577	SV00012@gmail.com	DHAKA	<button>update</button> <button>delete</button>
PASSENGER	TICKET	SV00013	SVA113	1234587	SV00013@gmail.com	DHAKA	<button>update</button> <button>delete</button>
PROFILE		SV00014	SVA114	1234597	SV00014@gmail.com	DHAKA	<button>update</button> <button>delete</button>
		SV00015	SVA115	1234507	SV00015@gmail.com	DHAKA	<button>update</button> <button>delete</button>

Figure 5.17: Delete Supervisor

Passenger

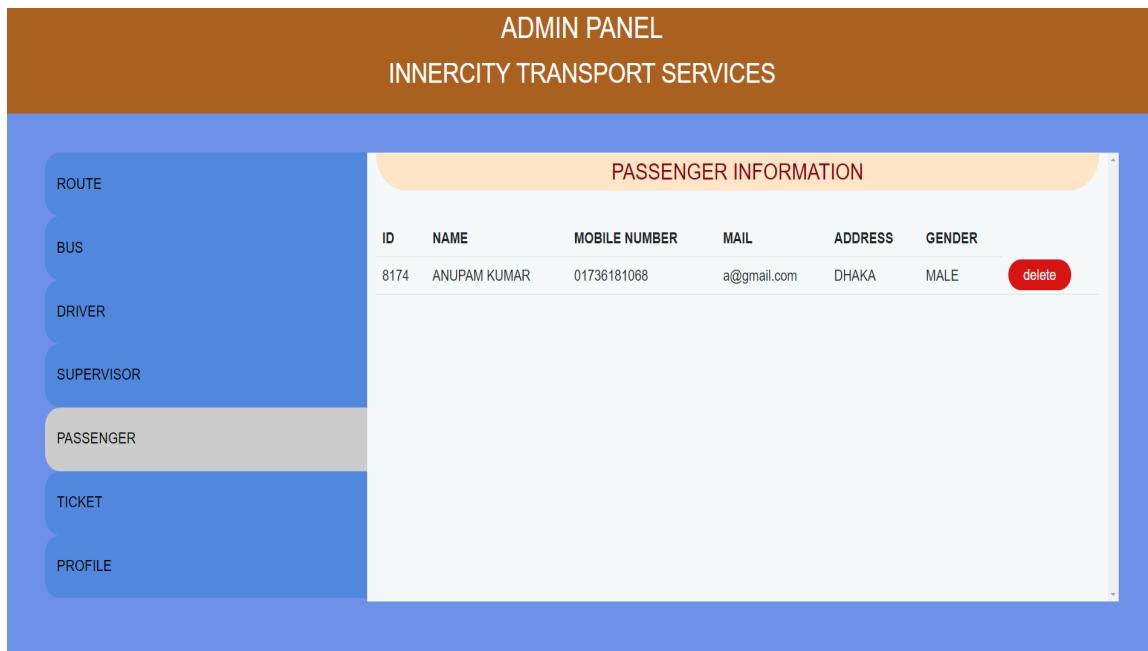


Figure 5.18: Admin Passenger

Delete

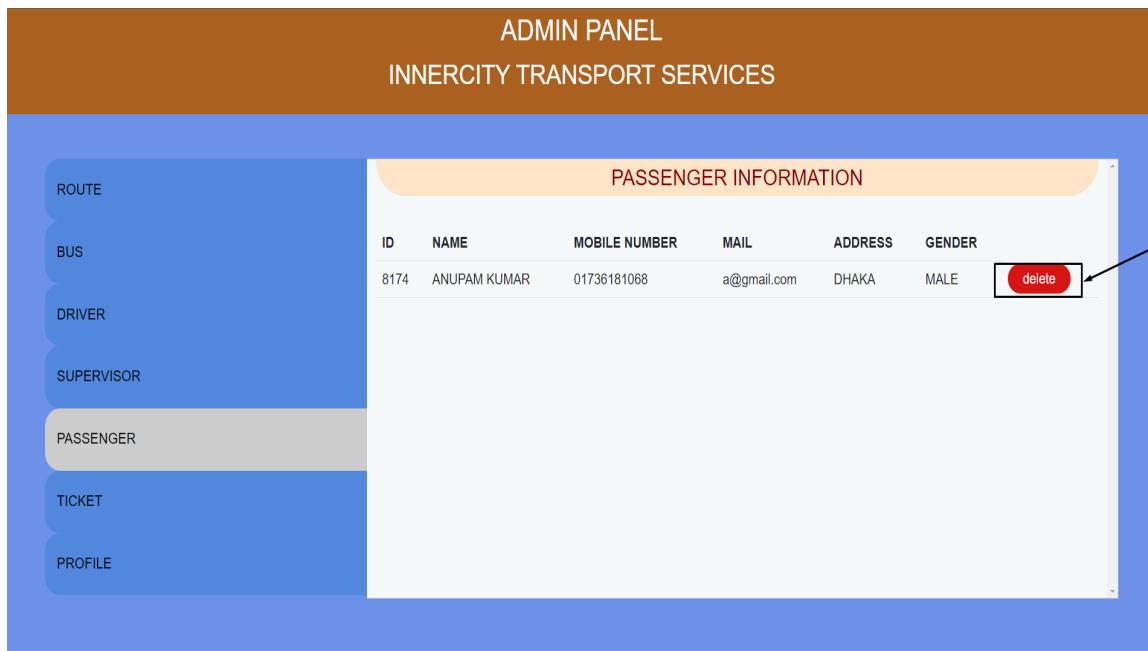


Figure 5.19: Delete passenger

Ticket

The screenshot shows the Admin Panel for InnerCity Transport Services. On the left, there is a sidebar with buttons for ROUTE, BUS, DRIVER, SUPERVISOR, PASSENGER, TICKET, and PROFILE. The TICKET button is highlighted. On the right, a table titled "TICKET INFORMATION" displays three rows of data:

TICKET ID	ROOT ID	BUS ID	FROM	TO	PRICE	SIT NO	PASS ID	SUP ID
2618	RT001	BBB001	MIRPUR1	MIRPUR2	50	19	8174	SV00011
0137	RT002	BBB001	MIRPUR2	MIRPUR3	55	18	8174	SV00011
06099	RT008	BBB002	MIRPUR2	MIRPUR1	50	10	8174	SV00012

Figure 5.20: Admin Ticket

Profile

The screenshot shows the Admin Panel for InnerCity Transport Services. On the left, there is a sidebar with buttons for ROUTE, BUS, DRIVER, SUPERVISOR, PASSENGER, TICKET, and PROFILE. The PROFILE button is highlighted. On the right, a table titled "PROFILE INFORMATION" displays five pieces of information:

ID : ADMIN0001
NAME : HALUM
MOBILE NO : 123456
MAIL : halum@gmail.com
ADDRESS : DHAKA

At the bottom right of the profile table are two buttons: "update" and "LOGOUT".

Figure 5.21: Admin profile

Main database

Table	Action	Rows	Type	Collation	Size	Overhead
admin		1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
bus		5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
driver		5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
passenger		1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
route		10	InnoDB	utf8mb4_general_ci	16.0 KiB	-
supervisor		5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
ticket		5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
ticket_sit		3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
8 tables	Sum	35	InnoDB	utf8mb4_general_ci	128.0 KiB	0 B

Figure 5.22: Main database

5.2 Passenger

5.2.1 Index



Figure 5.23: Index page

5.2.2 Sign up/Sign in

A screenshot of a "SIGN UP" form. The form consists of several input fields: "name", "mobile number", "mail", "address", "gender", "password", and "confirm password". Below these fields is a checkbox labeled "I agree to these [Term and conditions](#)". At the bottom of the form is a blue "Signup" button. Below the button, a link says "already a member? [login here](#)".

Figure 5.24: Passenger signup

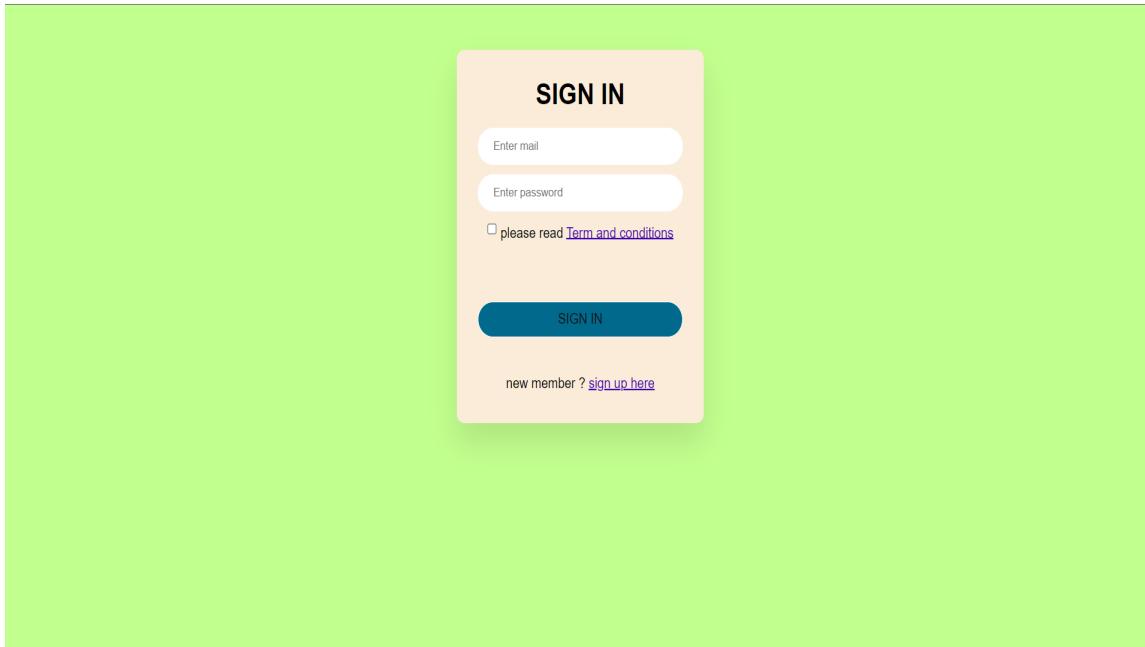


Figure 5.25: Passenger signin

5.2.3 Passenger panel

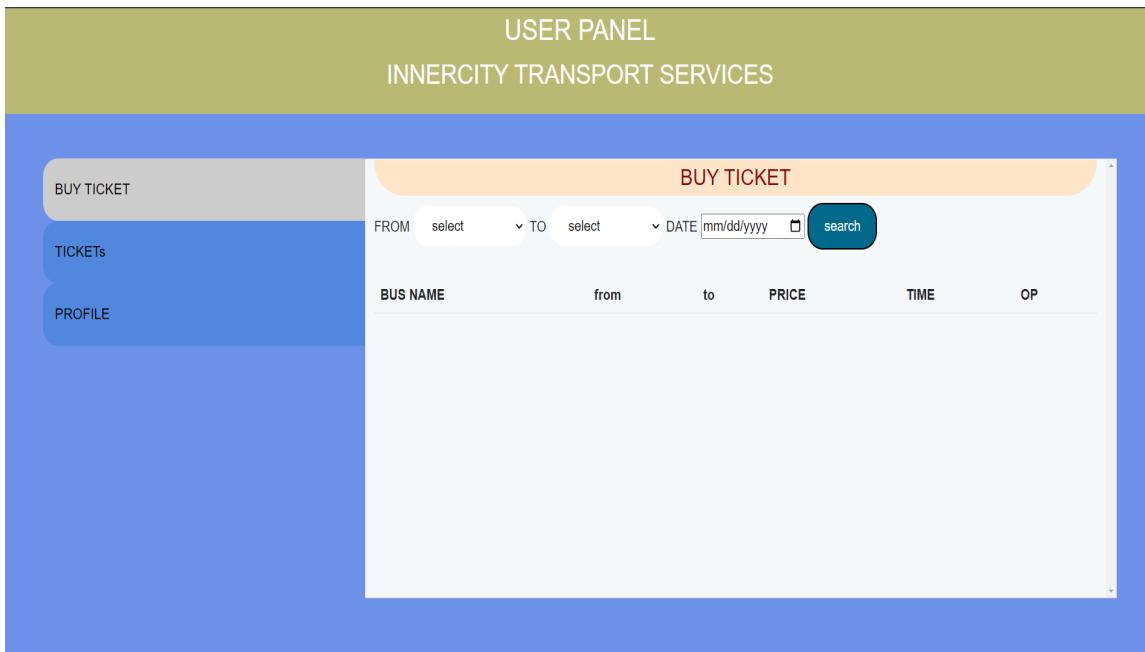


Figure 5.26: Userpanel

5.2.4 Book a ticket

Select route and time

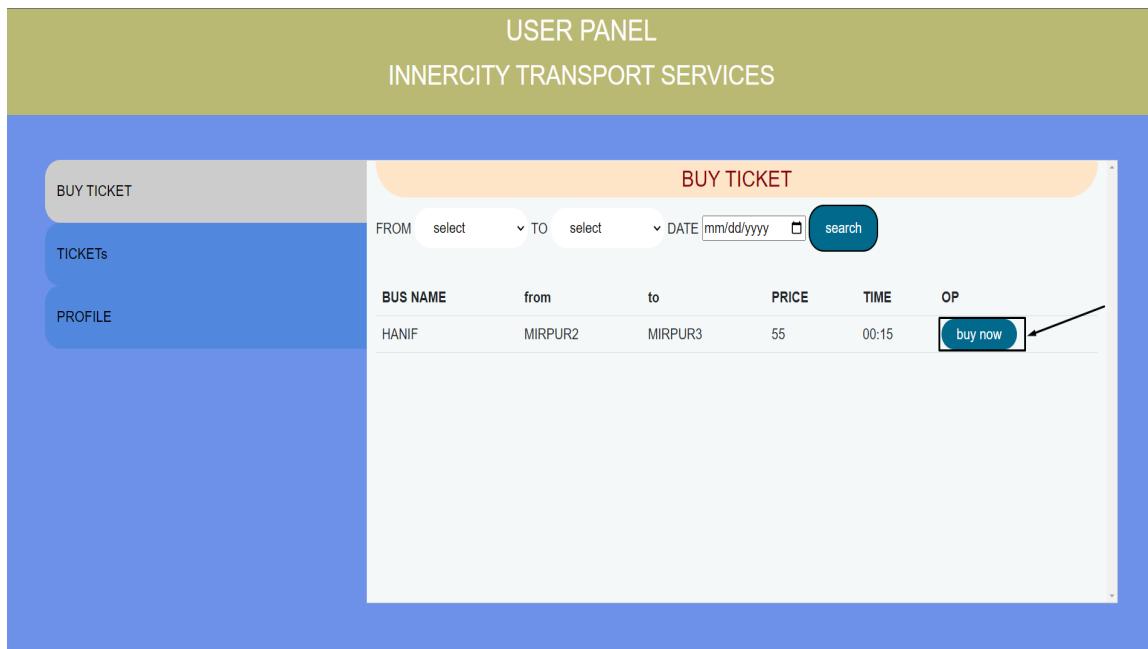


Figure 5.27: Buy ticket

Select sit

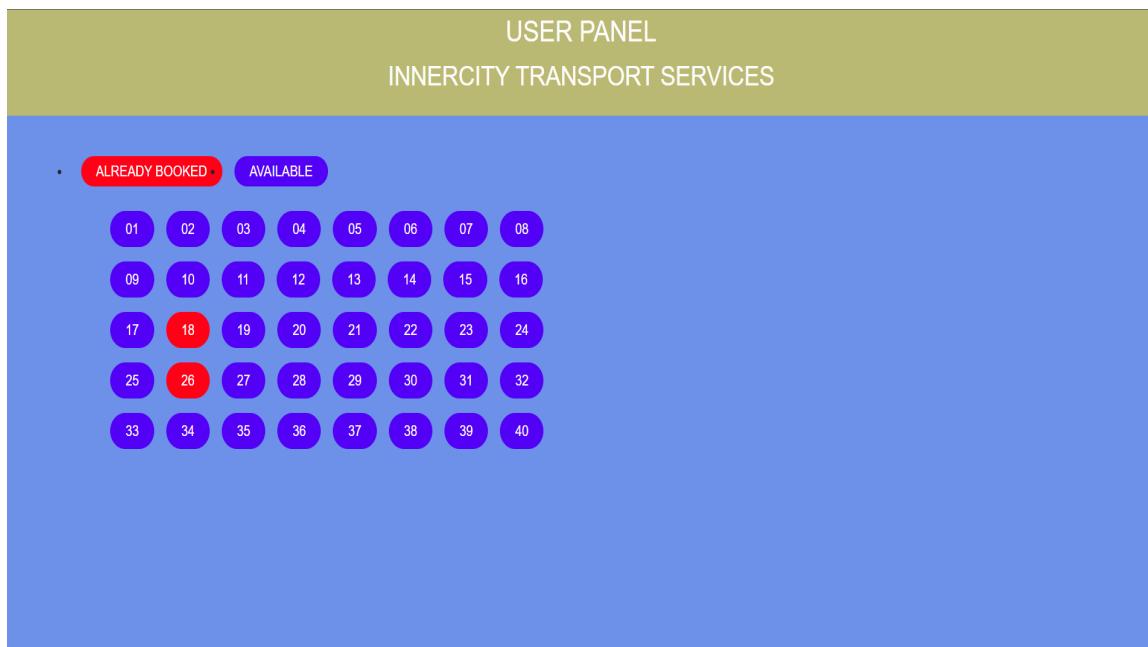


Figure 5.28: Choose ticket

Payment

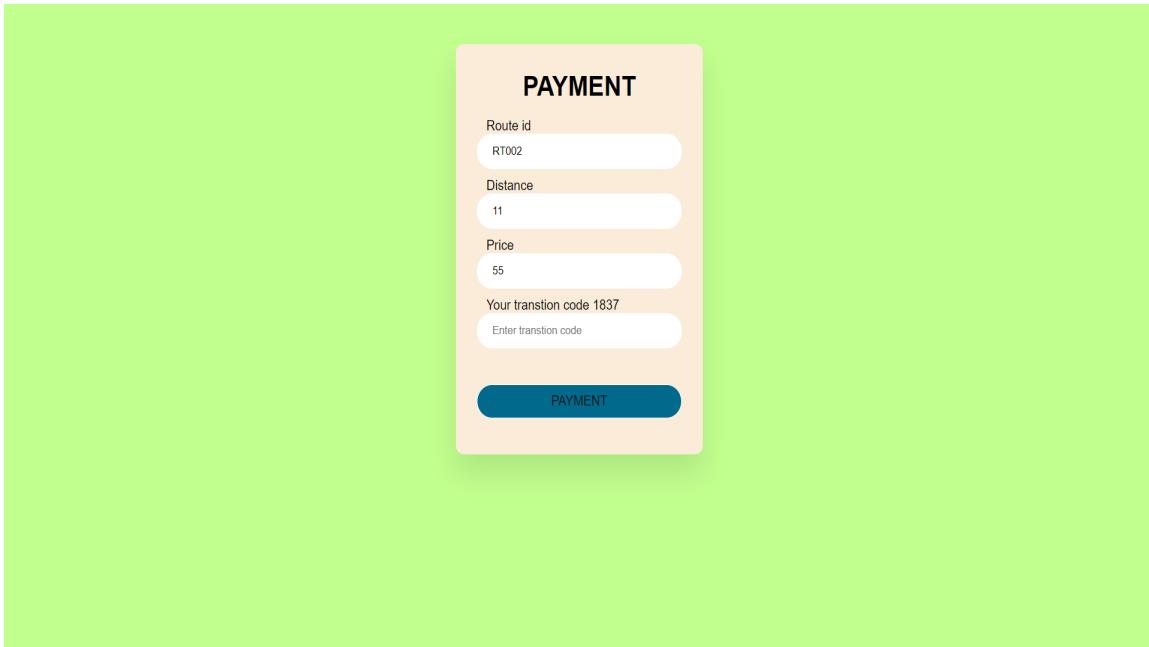


Figure 5.29: payment

Download

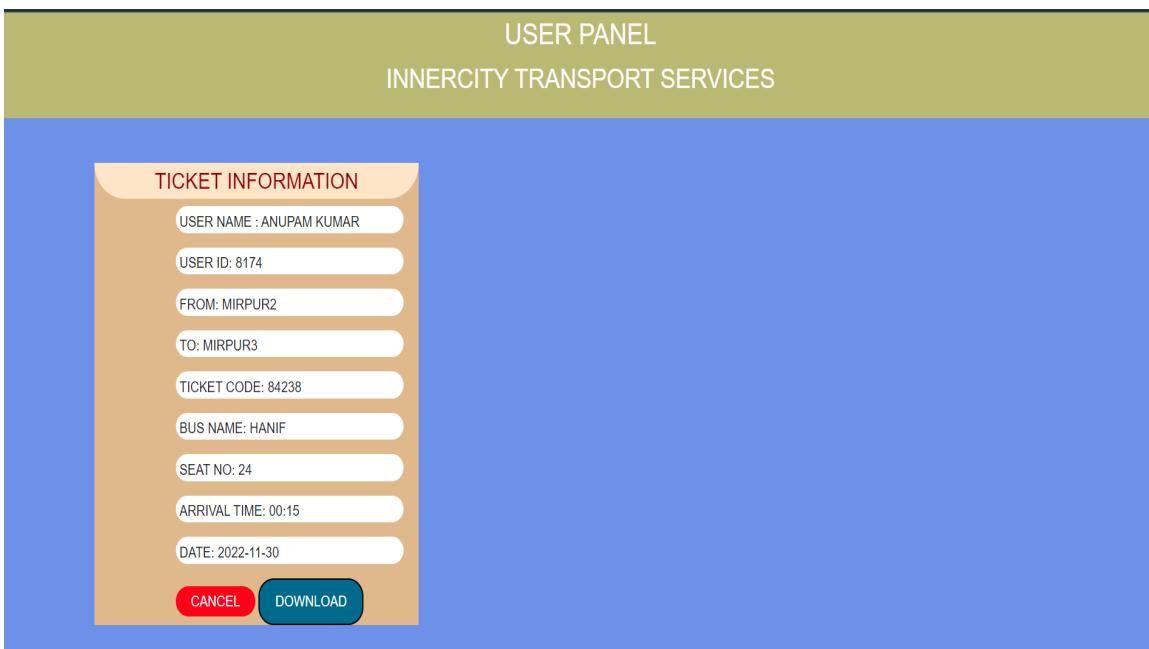


Figure 5.30: view information and download

Pdf

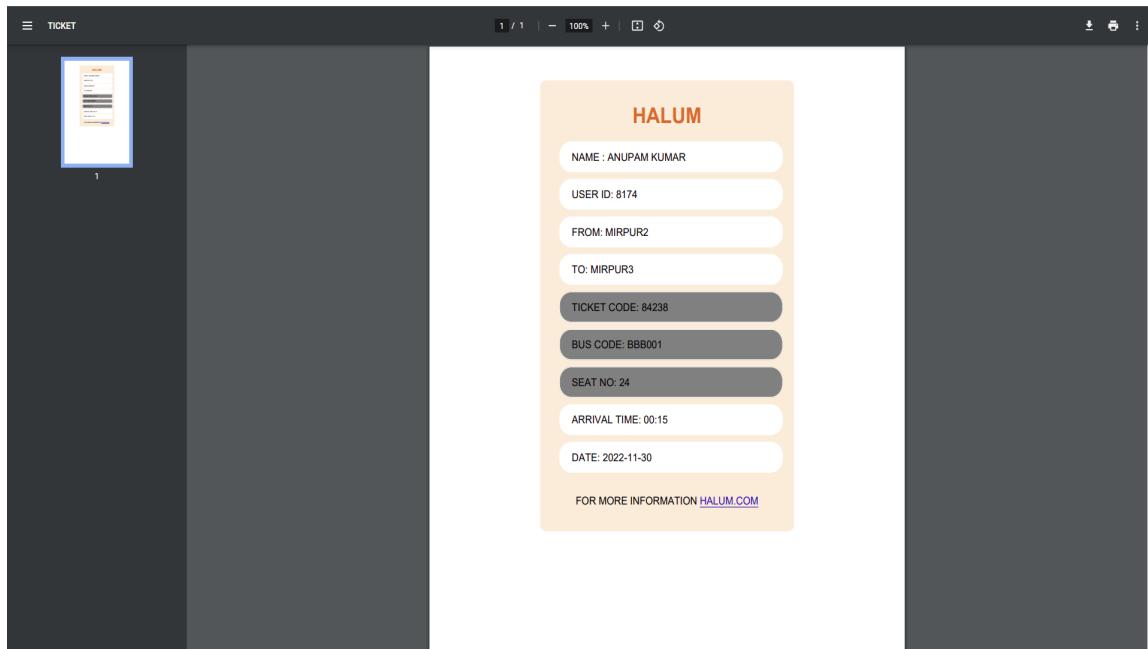


Figure 5.31: Downloaded ticket

5.2.5 Owned Ticket

The screenshot shows the "MY TICKETS" section of the "USER PANEL INNERCITY TRANSPORT SERVICES". The table displays the following information:

TICKETS						
BUS NAME	from	to	PRICE	TIME	DATE	OP
HANIF	MIRPUR1	MIRPUR2	50	00:00	2022-11-30	CANCEL
HANIF	MIRPUR2	MIRPUR3	55	00:15	2022-11-30	CANCEL
HANIF	MIRPUR2	MIRPUR3	55	00:15	2022-11-30	CANCEL
HANIF	MIRPUR2	MIRPUR1	50	00:45	2022-11-30	CANCEL

Figure 5.32: My tickets

5.2.6 Passenger profile



Figure 5.33: Passenger profile

5.3 Supervisor

5.3.1 Login

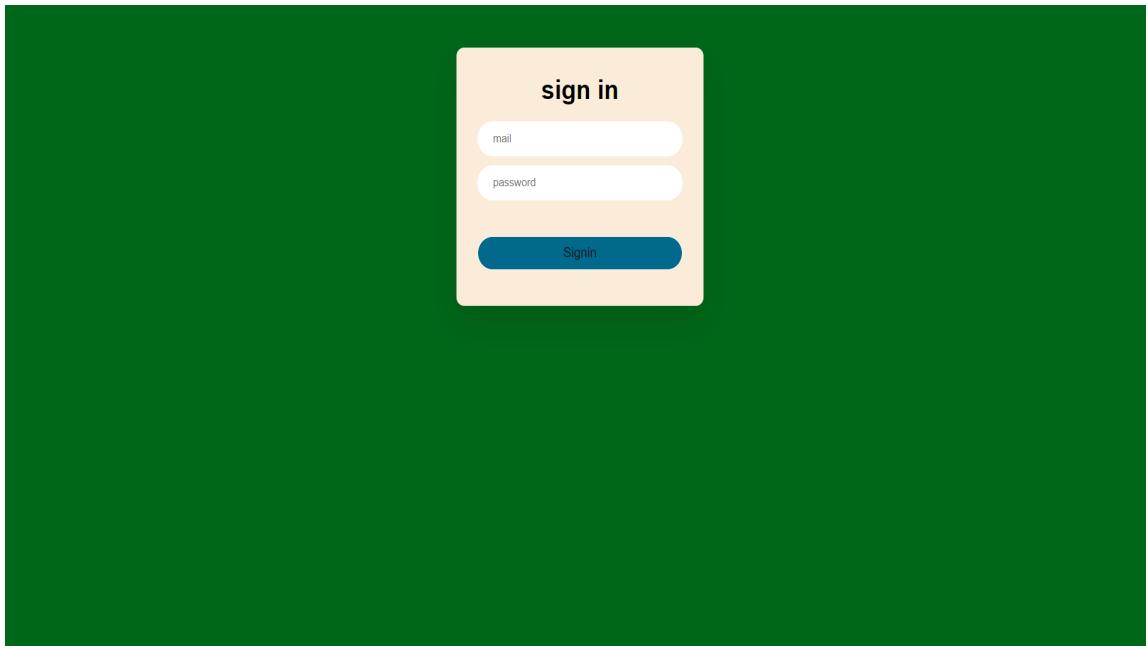


Figure 5.34: Supervisor Login

5.3.2 Supervisor panel

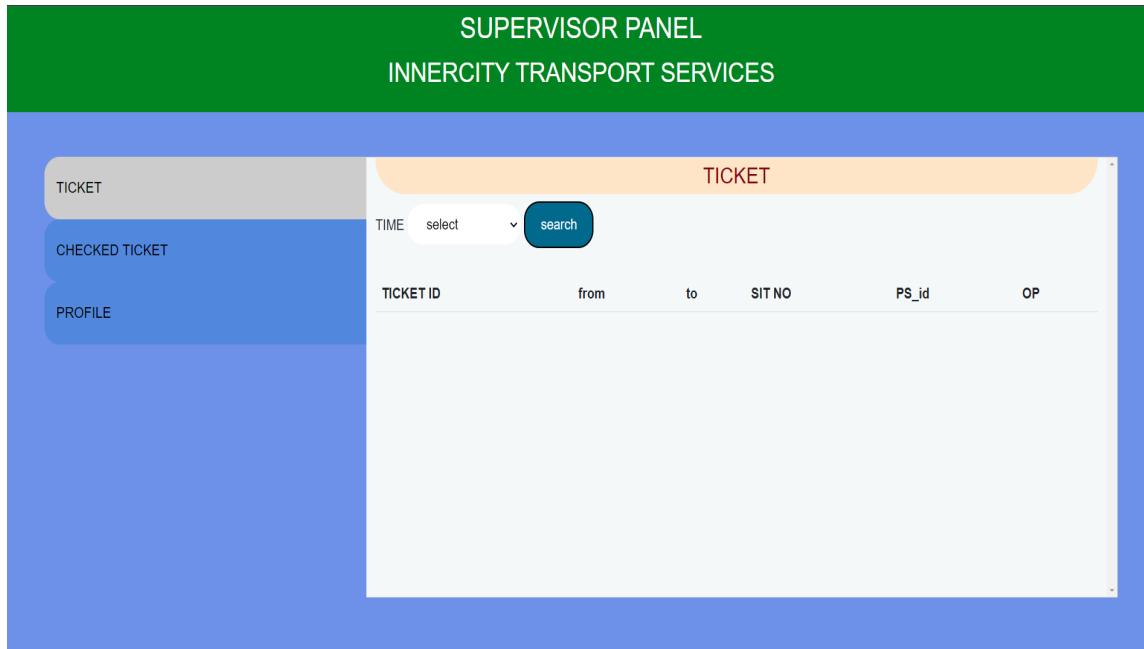


Figure 5.35: Supervisor Panel

5.3.3 Check ticket

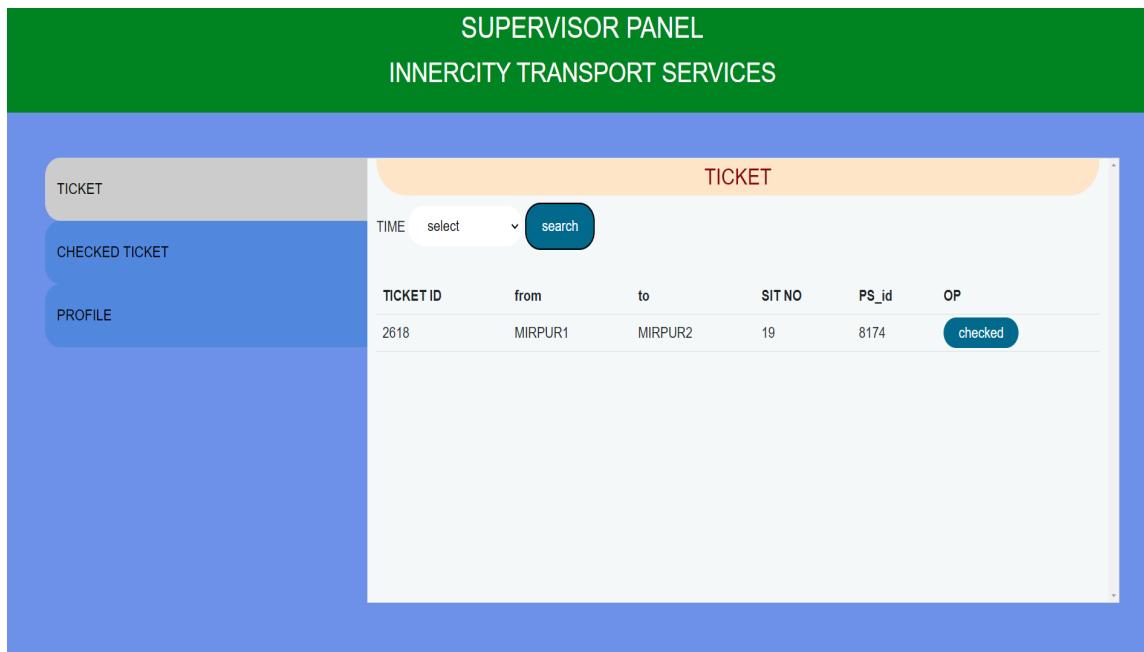


Figure 5.36: Available ticket on Supervisor bus

5.3.4 Already check ticket

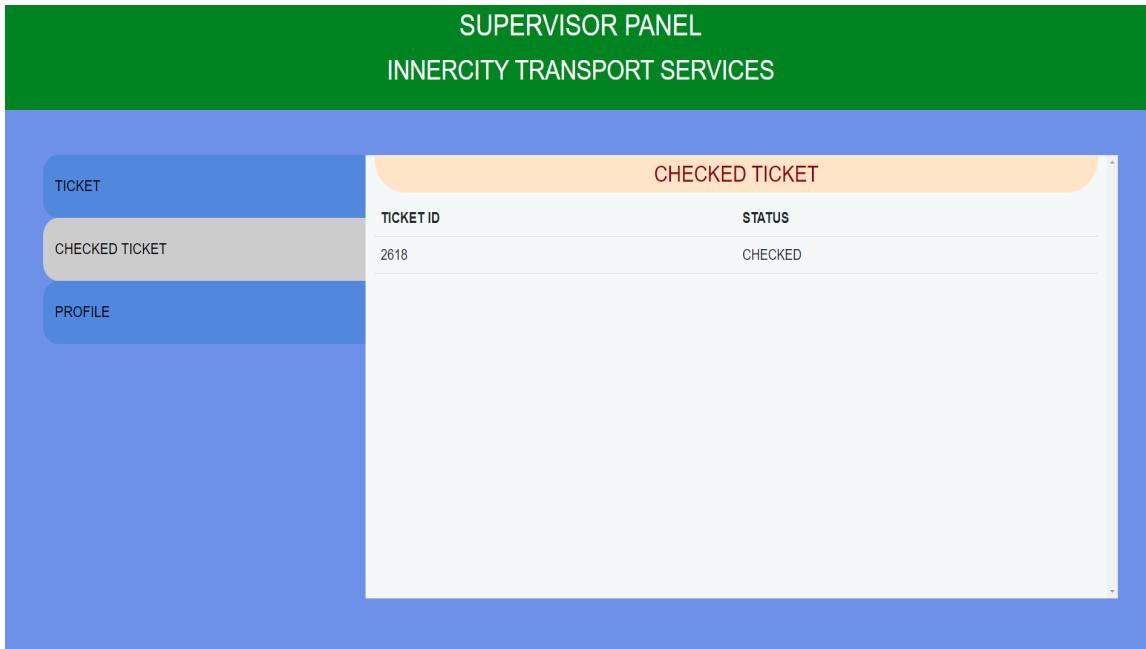


Figure 5.37: Already check ticket

5.3.5 Supervisor profile

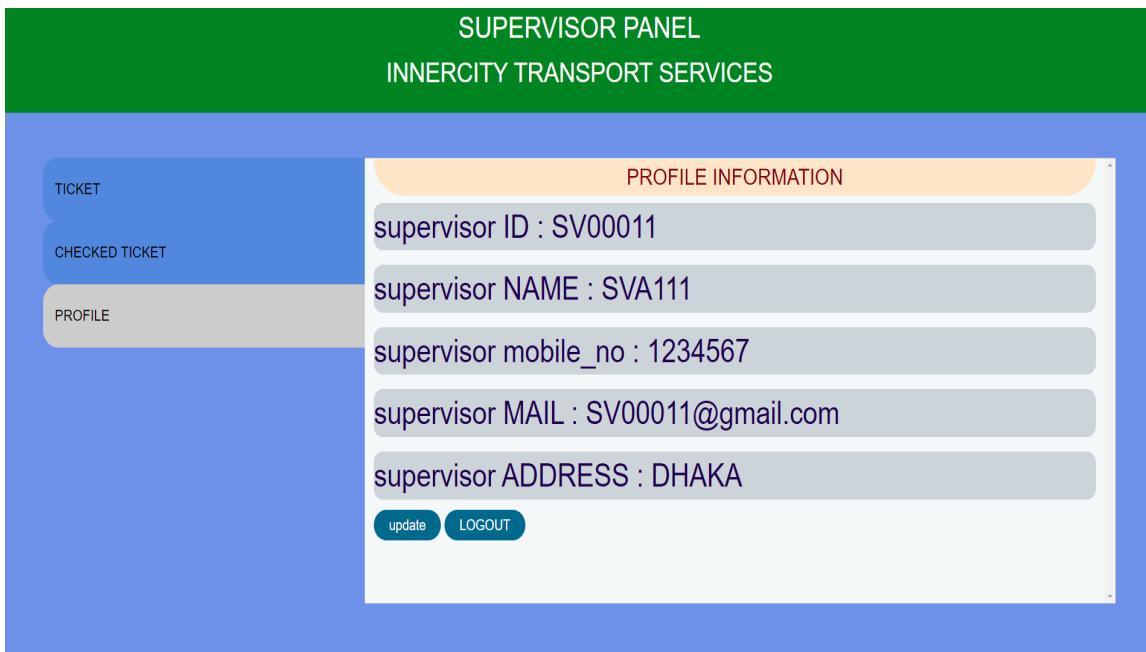


Figure 5.38: Spervisor profile

Chapter 6

Conclusion and Future Scope

6.1 Limitation

We wish we could improve the system and reduce the limitation of the system in a short time. We have tried our best to make it perfect still there are some lackings on it. It is time consuming for creating question. User has to use it on desktop.

6.2 Conclusion

At last, this application will help the daily passenger and students a strong platform to save time and travel. We hope this project will successfully help the users a lot and save their valuable time also. From this application, the bus company and passengers can be benefitted. Because all ticket will be sold online and all bus runs under one company. So that there is no way to hide money from the supervisor.

6.3 Future Scope

The future vision of this application system is to develop more. This system can be used as the official city service program. Our next goals are

1. Qr code system: So that the supervisor does not need to wait more time. he will just scan the ticket. it is more time-saving.
2. Open management panel: Here have two types of users i. Owner ii. Management employee. here the Owner can monitor his bus. and the management employee manage money information.
3. Adding a new system: So that the current system can build a route according to ticket sales automatically.
4. Transformation: Transform it into intercity transport services.

5. User interface: We will build a more user-friendly interface.

References

- 1.youtube.com**
- 2.google.com**
- 3.w3schools.com**