

Bismillahir Rahmanir Rahim

International Islamic University Chittagong



Department of Computer Science & Engineering

Bus Seat Booking Project

Admin Information

Muhammad Nazmul Arefin

Assistant Professor

Dept. of CSE, IIUC

Team Details

Team No. : 6

Team Members : 1) Minhaz Ahmmed

ID: C231011

2) Shanjid Mohammad

ID: C231007

3) Prasenjit Chowdhury

ID: C231028

Project Objective

To make a suitable and secure system for bus reservation and store the information of the user and stuff.

- To save time and hassle for booking bus ticket.
- To upgrade from a paper-based system to computerized system.
- To make it easier to Paperless Transactions and pay it digitally.

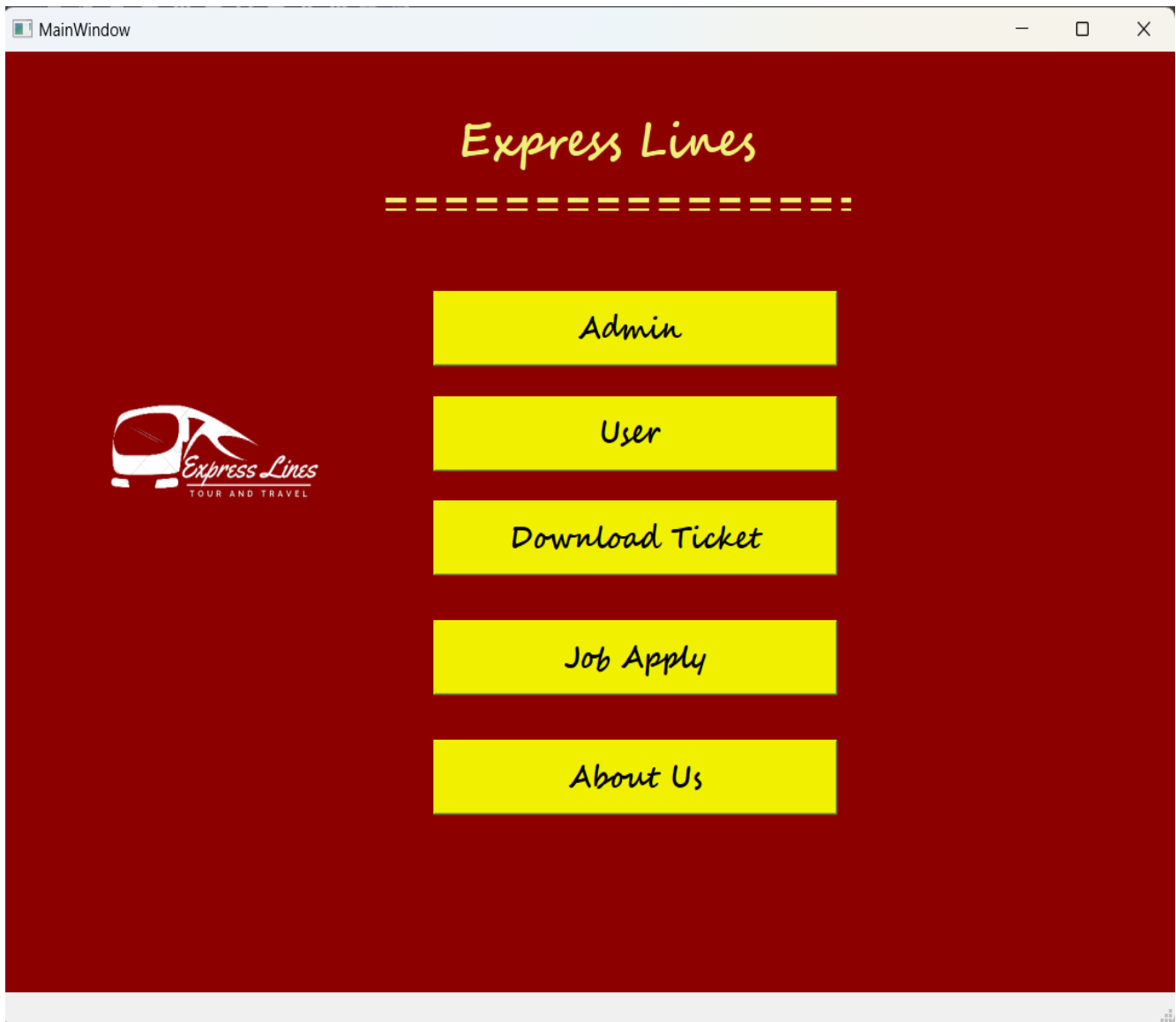
Application

:

- Easily browse and select bus routes.
- Conveniently reserve and pay for seats online.
- Receive instant booking confirmations and digital tickets.

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Home Page



- This is the homepage of our Bus Reservation. There are five buttons in our homepage. All buttons have different functions.
- Admin > User > Download Ticket > Job Apply > About us.

User Login SignUp Page

MainWindow

Express Lines
=====

User Login Panel
~~~~~

**Log in Information**

If you register, Please login with your email and password...

**E-mail:**  
Enter e-mail address

**Password:**  
Enter password

**Log in**

**Back**

**Sign up Information**

**Name:**  
Enter your name

**E-mail:**  
Enter your e-mail address

**Password:**  
Enter password

**Confirm Password:**  
Enter Password

**Mobile:**  
Enter your mobile number


**Gender:**  
Male

**Sign Up**

- After clicking the user push button user will come in this page. In this page user can open his account or sign up if he is a new user. After register or sign up he can able to log in. If the user already has an account, he can login using his email & password.

## Destination Information


MainWindow

 **Express Lines**  
TOUR AND TRAVEL

=====

**Welcome!!** **Shanjid Mohammd**

**to Express Lines...**



**Complain Box**

**Done**

**Back**

**Destination Information**

**From:**  
Dhaka

**To:**  
Dhaka

**Journey Date:**  
1/11/2023


**AC/Non AC**  
AC

**Search**

- On this page the user has to select two destinations one where user wants to go by bus and the other is where user wants to board the bus.
- Also the user has to select a date on which user wants to reach his destination.
- And he can choose an ac or non ac bus.
- Here he can also complaint about the bus service.

## Bus Selection Page

MainWindow



### Express Lines

Onward:

Chittagong To Khulna

|                                      |                               |                            |                            |
|--------------------------------------|-------------------------------|----------------------------|----------------------------|
| Express Lines LTD<br>Bus No: 01 (AC) | Departure Time:<br>10 : 00 AM | Cost (per seat)<br>1600 Tk | <a href="#">View Seats</a> |
| Express Lines LTD<br>Bus No: 02 (AC) | Departure Time:<br>12 : 00 PM | Cost (per seat)<br>1600 Tk | <a href="#">View Seats</a> |
| Express Lines LTD<br>Bus No: 03 (AC) | Departure Time:<br>2 : 00 PM  | Cost (per seat)<br>1600 Tk | <a href="#">View Seats</a> |

[Back](#)

- Here you can see your destination which you had selected.
- You can also see the Bus schedule.
- If you want to select your seat you have to click on the view seat button.

## Seat Selection Page

MainWindow

### Express Lines

Selected Pending Available Sold

**Bus Information:**

Name: Express Lines  
Total Seats: 18  
Cost (per seat): 1600 Tk Only.

**Seat Information:**

Selected seats:   
Total amounts:

**Payment Method:**

1) Pay by BKash/Nagad/Rocket/Upay  
2) Payment Number: 01812345678  
3) Collect TRXID and Number

You can select maximum 4 seats


|    |    |    |
|----|----|----|
| A1 | A2 | A3 |
| B1 | B2 | B3 |
| C1 | C2 | C3 |
| D1 | D2 | D3 |
| E1 | E2 | E3 |
| F1 | F2 | F3 |

Back Confirm Next

- In this page user can choose any seat if the seats were not booked.
- The seats color means ->
  - White – The seats are available.
  - Blue – User selected the seat.
  - Yellow – User confirm his seats. And its pending waiting for admin confirmation.
  - Red – Admin confirm your seats. Now Seats have been booked.
- And user have to select at least one seat for going to the next page, also user can't choose more than 4 seats.

## Seat Selection Page

MainWindow



### Express Lines

=====

**Selected** **Pending** **Available** **Sold**

**You can select maximum 4 seats**

Bus Information:

Name: Express Lines  
Total Seats: 18  
Cost (per seat): 1600 Tk Only.

Seat Information:

Selected seats: **B1 B2**  
Total amounts: **3200**

Payment Method:

1) Pay by BKash/Nagad/Rocket/Upay  
2) Payment Number: 01812345678  
3) Collect TRXID and Number

|           |           |    |
|-----------|-----------|----|
| A1        | A2        | A3 |
| <b>B1</b> | <b>B2</b> | B3 |
| C1        | C2        | C3 |
| D1        | D2        | D3 |
| E1        | E2        | E3 |
| F1        | F2        | F3 |


**Back** **Confirm** **Next**

- Here user will confirm his seats. Now the color is yellow. And its pending waiting for admin confirmation.
- Next to the seat table you will see your total prize and your selected seats and your payment number.



## Payment Information

MainWindow



# Express Lines

=====

**You are about to book this ticket(s)**

**Booking details onward:**

Bus: EXPRESS LINE-1

Journey Date: 09.11.2023

Journey: Barisal To Mymensingh

Seats: B1 B2

Total seats: 2

**Passenger's details:**

Name: Shanjid Mohammd

Phone: 01997766421

E-mail: shanjid@gmail.com


Back

**Payment details onward:**

Total amount: 3200

Payment method: bKash


Purchase Now



- In this page user can see his booking details and his profile information.
- User can select his payment method (ex: bkash, nagad).

## Transaction Page

MainWindow




# Express Lines

=====

### Payment

~~~~~



Email:

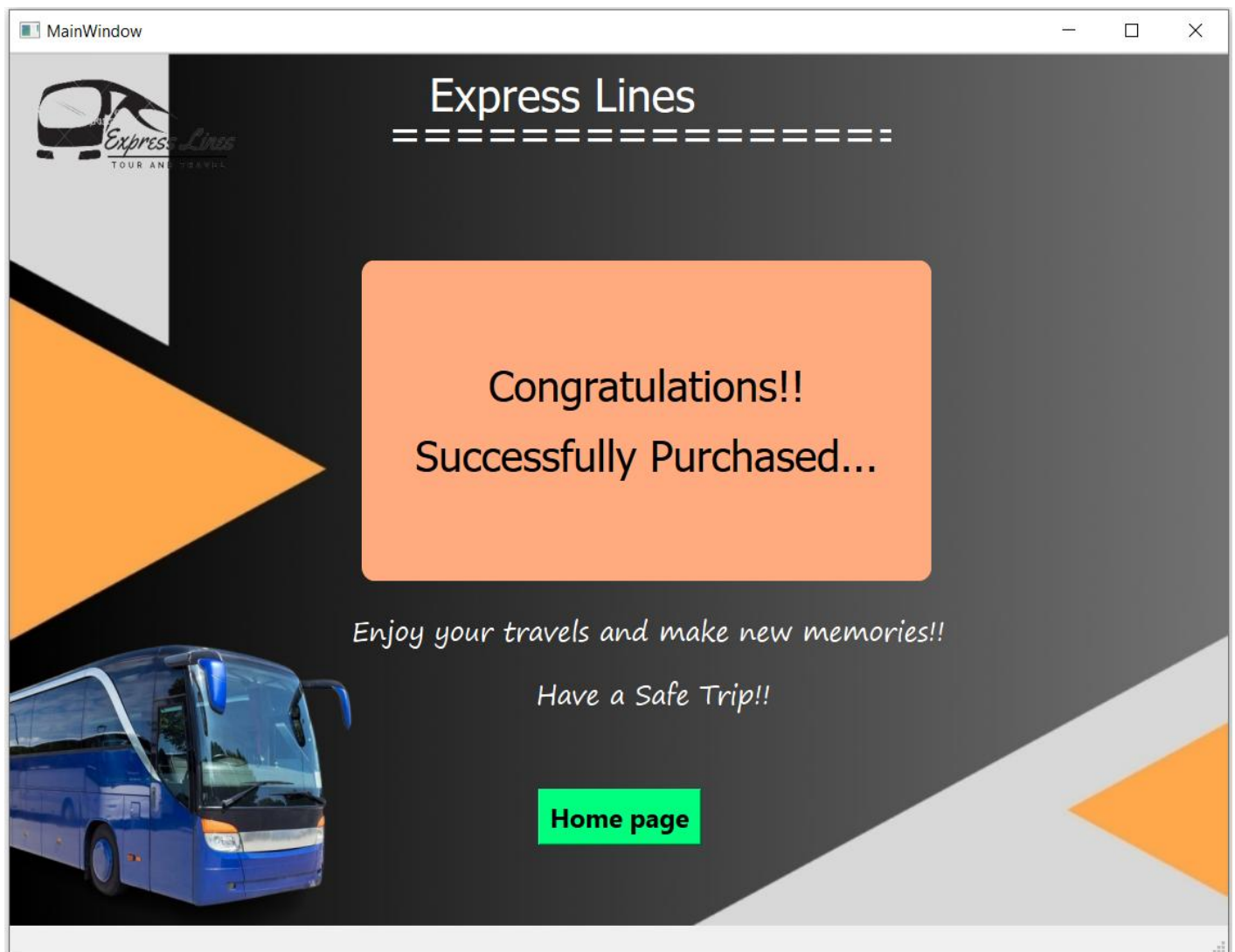
TRX ID:

Submit

Back

- Here user will give his email and his transaction ID.


Successfully Seat Purchased Page



- Seat purchased successfully. Now user will wait for admin confirmation.

Admin Login Page

MainWindow




Express Lines

=====

Admin Login Panel

~~~~~



**E-mail:**

**Password:**


**Log in**

**Back**

- Here admin will login using his email & password.

## Admin Panel

MainWindow



**Profile**

**Name:** Md. Nazmul Arefin  
**E-mail:** arefin@gmail.com  
**Contact:** 01797198813  
**Enter the Email to Confirm**  
  
  
**Confirm**

**Express Lines**  
**Admin Panel**

**Confirm Seat Booking**

|   | Seat | Email      | nation | tinatio | tination I | Confirm | Payment |
|---|------|------------|--------|---------|------------|---------|---------|
| 1 | D1   | shanjid... | Sylhet | My...   | 25.11....  | 0       | Paid    |
| 2 | D2   | shanjid... | Sylhet | My...   | 25.11....  | 0       | Paid    |

**Book Profile**

**Complain Box**

Customer Complain Here

6 good


7 I am satisfid with this bus service

**Back** **Next**

- Admin can see user complains and user database.
- Admin can see who have purchased the seats and he can confirm the seats for user.

## Admin Panel

MainWindow



**Profile**

**Name:** Md. Nazmul Arefin  
**E-mail:** arefin@gmail.com  
**Contact:** 01797198813  
**Enter the Email to Confirm**


Enter email to confirm

Confirmation message

**Confirm**

### Express Lines

### Admin Panel



**Confirm Seat Booking**

|   | Seat | Email      | nation | tinatio | tinatio I | Confirm | Payment |
|---|------|------------|--------|---------|-----------|---------|---------|
| 1 | D1   | shanjid... | Sylhet | My...   | 25.11.... | 1       | Paid    |
| 2 | D2   | shanjid... | Sylhet | My...   | 25.11.... | 1       | Paid    |

**Book Profile**

**Complain Box**

Customer Complain Here

6 good


7 I am satisfid with this bus service

**Back** **Next**

- After confirming the seats by admin in database we can see 1 and the seats color turn into red. If another person log in he can see booked seat and he can't select them.

## Driver Add & Delete Page

MainWindow



# Express Lines

=====

## Admin Panel

~~~~~

Add Driver

Name:

E-mail:

Contact:

Submit

Delete Driver

Delete

Back

Next

- Here admin can add any driver.
- Also admin can remove any driver.

Full Database View.

MainWindow

— □ ×



Express Lines
=====

Admin Display ~~~~~

	Name	Email	contact
1	Shanjid Mohammd	shanjid@gmail.com	01997766421
2	Minhaz Ahmmed	minhaz@gmail.com	01887756541
3	Prasenjiti Chowdhury	prasenjiti@gmail.com	01996635412
4	Shafiul Islam Joy	joy@gmail.com	01867524312
5	Minhaz Ahmmed	minhazahmmed231...	01878438206

Customers Info

Customers Info

Job Applicants

Seat info

Driver info

Profiles


Back

Log out

- In this page admin can view all database by clicking combo box.

Job Application Page

MainWindow



Express Lines

=====

Job Application

Please complete the form below to apply for a position with us

Name:

Address:

Email:

Contact Number:

Applying for position:

Experience:

Apply Job

Home page

- In this page anyone can apply for job by giving his CV.

Download Ticket Page

MainWindow

Express Lines
=====

Payment Invoice
~~~~~

**NAME :**

**E-MAIL :**

**MOBILE :**

**SEATS :**


**PAYMENT :**

**DESTINATION :**  **TO**

**DATE :**

[Download Ticket](#)

[Back](#)



- From here user can download his ticket.

## About Us Page


MainWindow

Express Lines  
TOUR AND TRAVEL


**Express Lines**

[Go to Home Page](#)


### Admin's Info




**Mohammad Nazmul Arefin**  
Owner of Express Lines  
Email: nazmul.arefin.85@gmail.com  
Mobile: 01797198813  
*Nazmul Arefin*



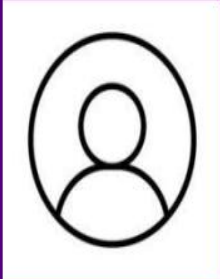
### Developer's Info



**Shanjid Mohammad**  
Email: shanjid@gmail.com  
Mobile: 01857495243  
*Shanjid*



**Minhaz Ahmmed**  
Email: minhazahmmed231@gmail.com  
Mobile: 01878438206  
*Minhaz*



**Prasenjit Chowdhury**  
Email: prasenjit@gmail.com  
Mobile: 01706978305  
*Prasenjit*

**This is the about page of our Bus Reservation project.  
As an Owner we called our respected supervisor  
Muhammad Nazmul Arefin Sir.**

**➤ I am Shanjid Mohammad and my teammate Minhaz  
Ahmmed and Prasenjit Chowdhury had  
grateful to him for this lovely opportunity to make a QT  
GUI APP in this  
2nd semester.**

**➤ And special thanks to our seniors Honourable  
mention :**

**1) Anas Ansary Vai.**

**2) Fahim Muntasir Akib Vai.**

**3) MD.Ismail Vai.**

**who helped us in our project.**

**Thank You**

**Allah Hafez**