

## Bus E-Ticketing System using PHP and MySQL

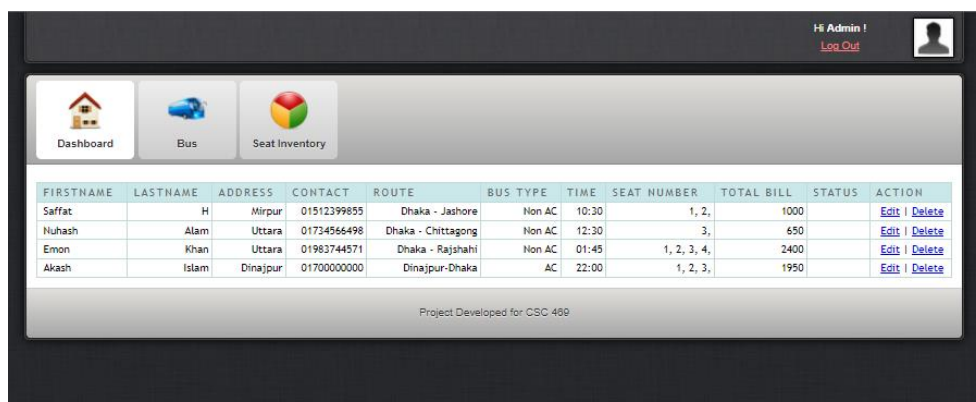
This project Bus E-Ticketing System has been developed on PHP and MySQL. The main purpose for developing this project can help admin to manage the bus details and user to book for the buses. This application is very simple and easy to access.

### Modules and Description of Bus E-Ticketing System Project:

Functionality of the Bus E-Ticketing System:

These are the functionality performed by the project:

- Login For Admin
- Logout Functionality
- Dashboard for Admin
- Booking Ticket panel for the user





### View Bus Booking Module:

This module provides all the functionality related to booking of the buses. It shows all the information and details of the booking person.

- Admin can add see the booking bus details
- Admin can see the booking person information
- Admin can update the status (Onboard/Not Void)
- Admin can delete the booking person information

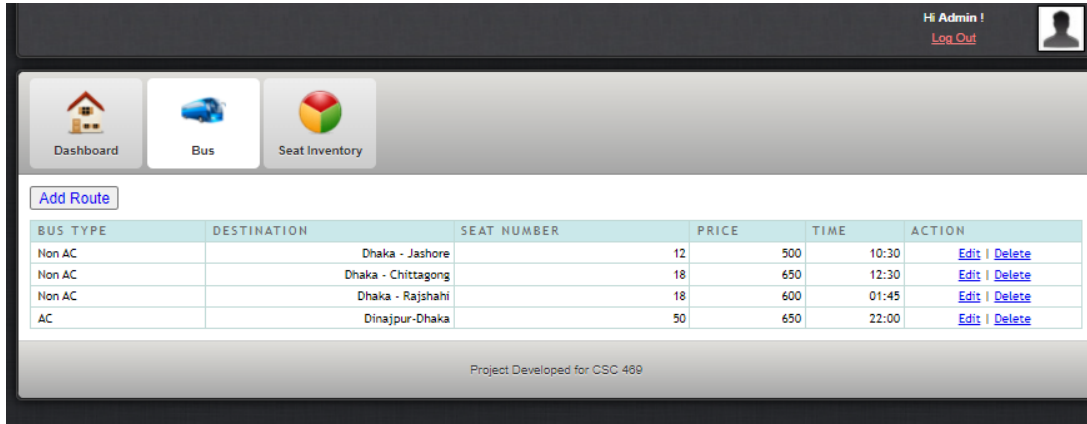
FIRSTNAME	LASTNAME	ADDRESS	CONTACT	ROUTE	BUS TYPE	TIME	SEAT NUMBER	TOTAL BILL	STATUS	ACTION
Saffat	H	Mirpur	01512399855	Dhaka - Jashore	Non AC	10:30	1, 2,	1000	Onboard	<a href="#">Edit</a>   <a href="#">Delete</a>
Nuhash	Alam	Uttara	01734566498	Dhaka - Chittagong	Non AC	12:30	3,	650		<a href="#">Edit</a>   <a href="#">Delete</a>
Akash	Islam	Dinajpur	01700000000	Dinajpur-Dhaka	AC	22:00	1, 2, 3,	1950		<a href="#">Edit</a>   <a href="#">Delete</a>

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### Bus Module:

This module provides all the functionality related to buses. It tracks all the information and details of the buses. Admin can do all the CRUD (Create, Read, Update and Delete) operations of the buses.

- Admin can add new buses records
- Admin can see the list of buses details
- Only admin can edit and update the record of the buses
- Admin will be able to delete the records of the buses



Hi Admin !  
[Log Out](#)

Dashboard Bus Seat Inventory

[Add Route](#)

BUS TYPE	DESTINATION	SEAT NUMBER	PRICE	TIME	ACTION
Non AC	Dhaka - Jashore	12	500	10:30	<a href="#">Edit</a>   <a href="#">Delete</a>
Non AC	Dhaka - Chittagong	18	650	12:30	<a href="#">Edit</a>   <a href="#">Delete</a>
Non AC	Dhaka - Rajshahi	18	600	01:45	<a href="#">Edit</a>   <a href="#">Delete</a>
AC	Dinajpur-Dhaka	50	650	22:00	<a href="#">Edit</a>   <a href="#">Delete</a>

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### Seat Inventory Module:

This module provides all the functionality related to bus seats. It tracks all the information and details of the seats.

- Admin can see the list of seat details of buses
- Admin will be able to delete the records of the seat details



Hi Admin !  
[Log Out](#)

Dashboard Bus Seat Inventory

DATE	BUS TYPE	ROUTE	SEAT NUMBER	TRANSACTION CODE	ACTION
28/04/2021	Non AC	Dhaka - Jashore	1, 2,	mnjt87qm	<a href="#">Delete</a>
28/04/2021	Non AC	Dhaka - Chittagong	3,	k34quzgk	<a href="#">Delete</a>
10/12/2021	AC	Dinajpur-Dhaka	1, 2, 3,	s6dap288	<a href="#">Delete</a>

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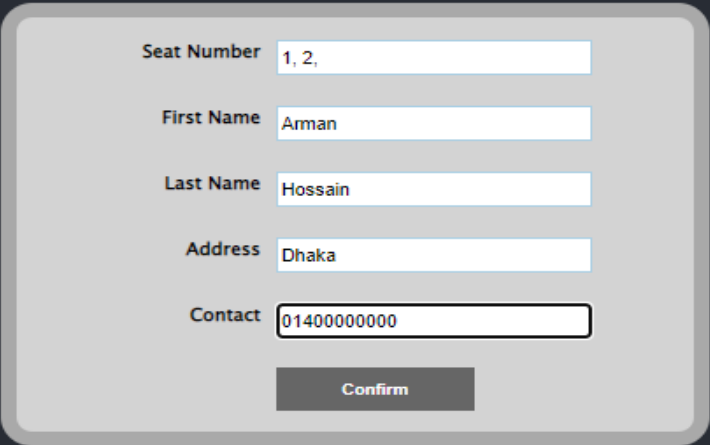
## Booking Module:

This module provides all the functionality related to booking. It shows all the information and details of the buses and gives the access for booking of it. After providing the personal information and quantity, the user can book for the buses.

- User can see the list of buses details
- User can book for the buses
- User can print the soft copy/ e-ticket of the bus



The screenshot displays a web interface for bus ticket booking. On the left, a 3D rendering of a white bus is shown. Overlaid on the bus is a semi-transparent box with the text: "All Mass Transport is Closed From 11th April Till 5th May". To the right of the bus is a "TICKET BOOKING" form. The form includes a "Select Route:" dropdown menu with "Dhaka - Jashore :Non A" selected, a "Date:" field with "11/12/2021" and a calendar icon, and a "No. of Passenger:" dropdown menu with "2" selected. Below these fields is a "Next" button. At the bottom right of the form is an "ADMIN LOGIN" button. At the bottom center of the entire interface, it says "Project Developed for CSC 469".



The screenshot shows a passenger information form with the following fields and values:

Field	Value
Seat Number	1, 2,
First Name	Aman
Last Name	Hossain
Address	Dhaka
Contact	01400000000

At the bottom of the form is a "Confirm" button.

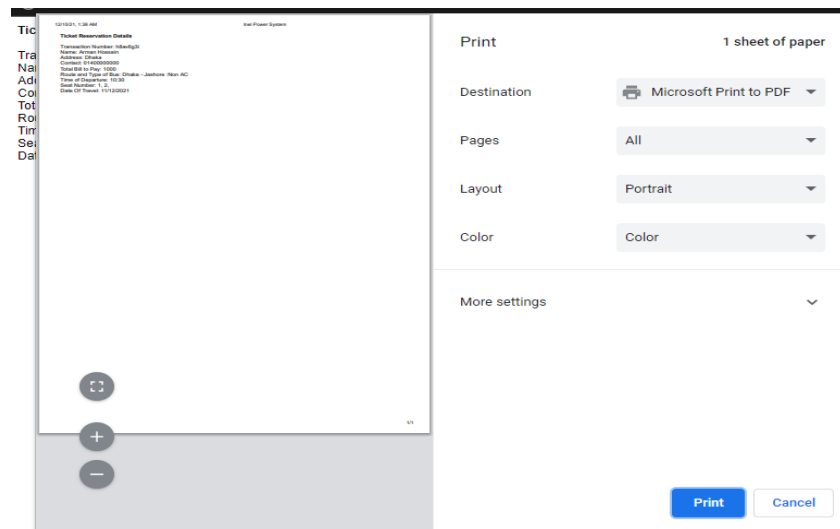
[Home](#)

Print and present this as your E-Ticket in Bus Counter

#### Ticket Reservation Details

Transaction Number: h8av6g3i  
Name: Arman Hossain  
Address: Dhaka  
Contact: 01400000000  
Total Bill to Pay: 1000  
Route and Type of Bus: Dhaka - Jashore :Non AC  
Time of Departure: 10:30  
Seat Number: 1, 2,  
Date Of Travel: 11/12/2021

[Print](#)



#### Technology used for this project:

- HTML: Page layout has been designed in HTML
- CSS: CSS has been used for all the designing part
- JavaScript: JavaScript has been used to add dynamic behavior to the webpage and special effects to the webpage. On websites, it is mainly used for validation purposes.
- PHP: All the frontend logic has been implemented in PHP that makes dynamic and interactive webpage.
- MySQL : MySQL database has been used as database for the project

**Supported Operating Systems:**

We can configure this project on following operating system.

- Windows: This project can easily be configured on windows operating system. For running this project on Windows system, you will have to install WAMP or XAMP on your system.
- Linux: We can run this project also on all versions of Linux operating system. You will have to install WAMP or XAMP on your system.

**Project Made By**

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