

***Ahsanullah University of Science & Technology***

Department of Computer Science & Engineering



# Bus Ticket Management System

CSE 3200

Software Development Lab -V

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**Introduction:**

'Bus Ticket Management System' is a web application which works for customers in buying bus tickets. It provides bus transportation system, a facility for reservation seats, cancellation of seats and different types of enquiry which need an instant and quick reservation. This system can be used by the users in performing an online reservation via internet for their all business purposes. Users can use this program directly from the websites and they don't need to install it. This software saves the entire passenger's long queue and hassle.

**Motivations:**

Traveling is undoubtedly an essential part of our life. When we try to buy ticket for our traveling, it takes a lot of hassle and time. Henceforth, sometimes it doesn't assure the seats or bookings as there is a lot of chances for ticket blacking. Considering these issues, we came up with this idea of developing a software which ensures us a safe ticket booking system where anyone can book or buy their ticket by a click through internet. We will try to complete this project properly.

**Features:**

- 24/7 Ticket booking facility
- Availability of seats can be enquired easily
- Passengers can also cancel their tickets easily
- Minimum time needed for the various processing.
- Online bus ticket booking - User can book online ticket and get their e-ticket or can be able to print.
- Ticket cancellation online - If by any means user needs to cancel their booked ticket user can cancel ticket by one click.
- Bus scheduling - Operator once schedule bus for various routes, software automatically displays routes with its details like time, departure, arrival, journey time.
- Cancelled services list - Anyhow if bus operator cancel services for any routes, it will be automatically displayed in Cancelled service page.
- Preferred Seat Booking-Passengers can see the adjustments of seat through the website so that they can choose their seat.
- Payment-Payment can be done through online mobile-banking and online banking.
- Mileage Card-This card will carry points of passengers. Points will be deposited while they buy tickets and passengers can redeem points while buying tickets.

**Conclusions:** We have tried our best to give an overview of our system. It makes the customer easy to get bus ticket online instead of queue up to buy the bus ticket. In future we will try to make the system more user-friendly depending on users' suggestions. And if any kind of problem may arise, we will try our best to solve it as soon as possible.