# PSAP COURSE PROJECT REPORT

TOPIC :- Bus Reservation System

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Division :- N

Group :- N-10

About The Project:

A Bus Reservation System is a computerized software program used to manage and organize the booking and scheduling of seats on a bus. The main purpose of this system is to streamline the booking process and make it easier for passengers to reserve seats on their desired bus.

Benefits:

* Convenience: Passengers can book and purchase tickets, eliminating the need to visit a physical ticketing office.
* Efficiency: The system automates the booking process, reducing the time and effort required for manual bookings.
* Increased Sales: The system can increase sales for the bus company by making it easier for customers to book seats.
* Improved Scheduling: The system allows for better scheduling and management of bus routes and seating arrangements.
* Better Customer Experience: The user-friendly interface and streamlined booking process improves the overall customer experience.
* Real-time updates: The system provides real-time updates on seat availability, allowing passengers to quickly and easily book the seats they want.
* Accurate Record Keeping: The system maintains accurate records of bookings and payments, providing a clear overview of the bus company's financials.
* Enhanced Security: Jelping to protect sensitive customer information and reduce the risk of fraud.

CONCLUSION:

* In conclusion, C programming language is a powerful, versatile language that is well-suited for developing applications such as a bus reservation system. It provides a wide range of features that can be used to create a user interface, process user input, and store data in a database.
* By following the steps outlined in this presentation, it is possible to create a bus reservation system using C programming language. This will enable organizations to manage their transportation needs efficiently and securely.