

Project: Tour Bus Management System

Description: Developed a tour bus management system in C++ for organizing and managing tour bus operations. Implemented file handling techniques for data storage and retrieval.

- **Features:**

- **Add New Bus:** Allows addition of new tour buses with details such as ID, destination, time, maximum seats, fare, etc.
- **Show Selected Bus:** Displays details of a specific bus based on user input.
- **Display All Buses:** Lists all available tour buses with their respective details.
- **Delete Bus:** Enables removal of a bus from the system based on its ID.
- **Book Ticket:** Facilitates booking of tickets for a particular destination. Updates seat availability and generates tickets.
- **Display Booked Tickets:** Shows all booked tickets with customer names and associated bus details.

- **Technologies Used:** C++, File Handling (fstream)

- **Key Skills Demonstrated:**

- Proficiency in C++ programming.
- Understanding of file handling concepts.
- Implementation of CRUD operations (Create, Read, Update, Delete) in a data management system.

- **Outcome:** Successfully developed a functional tour bus management system demonstrating effective utilization of C++ programming skills and file handling techniques.