

filmtastic

Cinemas

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Programmer

The developer behind the project is Teodor Madzharov. The QA tests and the workflow was also made by me, as-well as all the assets and docs.
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Introduction

Welcome to our C++ Console Application for Ticket Booking! This versatile application allows users to book tickets seamlessly, manage their accounts, and access personalized dashboards. With robust support features and an array of functionalities, our app ensures a smooth and efficient booking experience. Designed with user convenience in mind, it integrates essential tools and provides a comprehensive solution for all your ticket booking needs. Join us and experience the future of ticket booking today!

Method

Method

Object-Oriented Design:

Classes for user accounts, tickets, and dashboards.

Inheritance and polymorphism for reusable components.

Data Management:

Secure file handling for data persistence.

Optimal data structures like vectors and maps.

User Interface:

Interactive console I/O for user-friendly interaction.

Intuitive menus and navigation.

Error Handling:

Robust input validation.

Graceful exception handling.

Modular Design:

Function decomposition for clarity.

Modular code structure.

Manner

Manner

User-Centric:

Easy-to-use interfaces.

User guidance through feedback prompts.

Performance:

Efficient algorithms for quick task execution.

Effective resource management.

Scalability:

Expandable architecture for future features.

Customizable user dashboards.

Security:

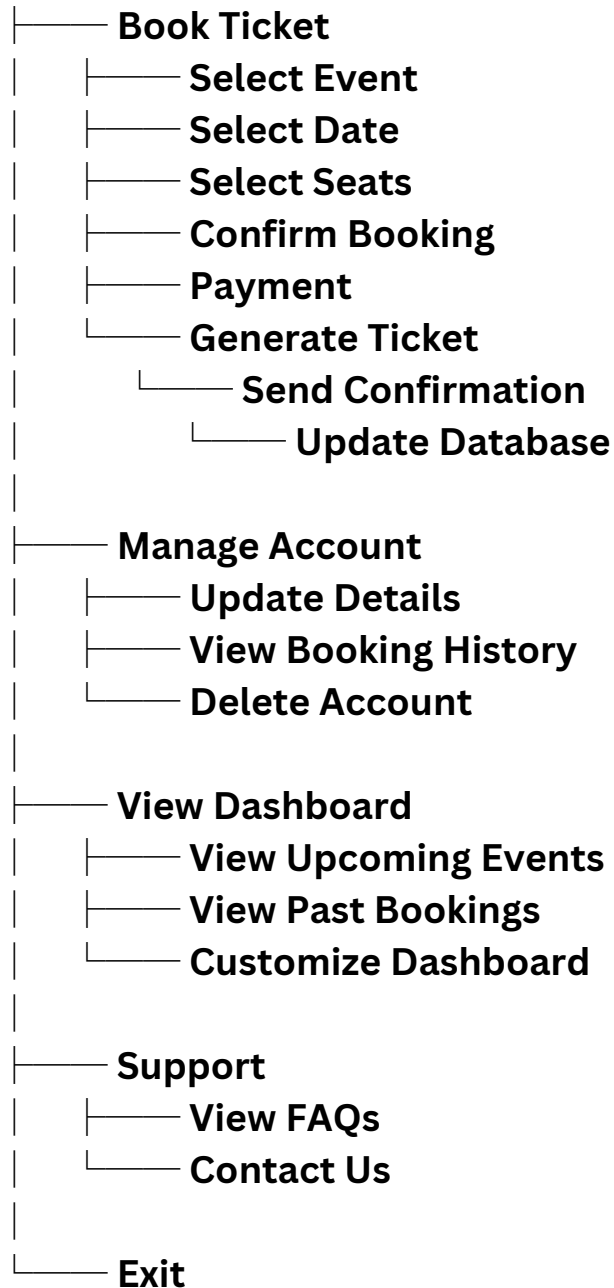
Strong data protection measures.

Reliable performance under various conditions.

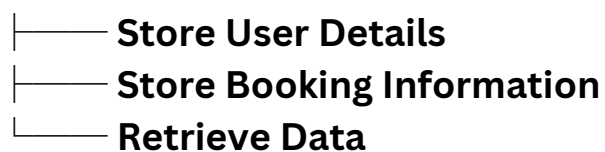
This approach ensures a robust, efficient, and enjoyable ticket booking experience.

Scheme

Main Menu



Database Module



Functions

Our C++ console ticket booking app offers key functionalities for user convenience:

Main Functions

1. Main Menu: Options for Book Ticket, Manage Account, View Dashboard, Support, and Exit.
2. Book Ticket:
 - Select Event, Date, and Seats
 - Confirm Booking and Payment
 - Generate Ticket and Update Database
3. Manage Account:
 - Update Details
 - View Booking History
 - Delete Account
4. View Dashboard:
 - Upcoming Events
 - Past Bookings
 - Customize Dashboard
5. Support:
 - View FAQs
 - Contact Us
6. Exit: Close the application.

Database Module