

Theatre Booking System

A theatre booking system is a project that allows users to check for available seats in the theatre and can even book them at the same time. It happens when people go for a movie and they return in disappointment due to houseful. Hence the project is intended to overcome this situation by automating the manual booking system, online. Users can make prior bookings for desired seats for their desired show at desired time and cost. The system provides additional optional things like food packages, discounts etc. It also calculates all the associated charges incurred in booking the ticket and the items. This is an advanced booking system that makes user customize their show according to their needs.

The modules of the project are listed as below:

- **Admin Login:** The system has an admin who solely controls all the system functions. He can update all the theatre information and can even make modifications.
- **User login/registration:** Every user has to create an account into the system by registering themselves. He can then view all the theatre details.
- **Seat availability check:** The system consistently checks for the seats that are booked and that are available. The system distinguishes it with colors so that users get a clear idea. The seats that are already booked are marked yellow, and the one that are available, marked grey.
- **Seat booking online for date and time:** The booking system can be seen according to date and time slots. Use can select to book available seats as per required date and time slot.
- **Additional facilities:** User may even opt to book for optional things like food and other.
- **Automatic cost calculation:** The system calculates amount for all the booked things and generates an online bill for the users.
- **Seat cancellation:** User may even cancel the bookings that have been done before and can book for another one.

This Application uses angular as a front-end and local storage as the back-end.