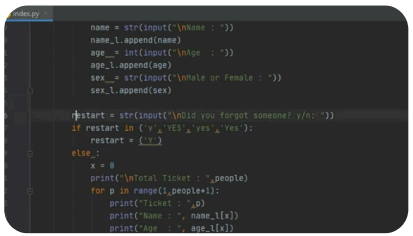
Movie Ticket Booking System Project in Python with Source Code

May 11, 2022 by angel jude suarez

What is Movie Ticket Booking System Project in Python?

A **Movie Ticket Booking System Project in Python** is a digital platform that allows customers to access the services of a business, reserve seats and buy tickets.



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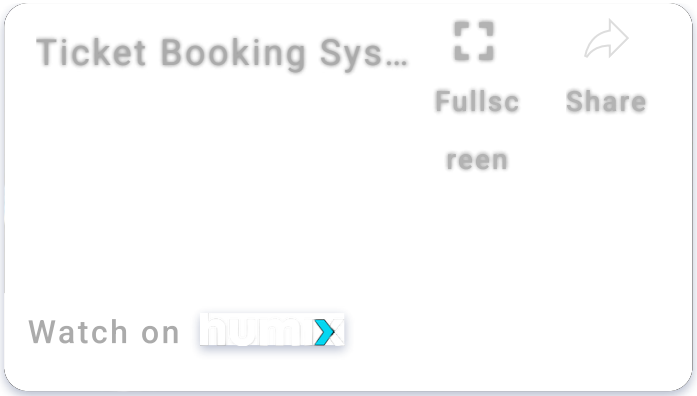

This platform provides details such as what time a movie will be played, what seats are available, movie previews and so much more.

A simple project using Python and the Flask Web Framework to create an online movie ticket booking system.

The Python with Flask project offers all of the necessary functionality for first- and second-year IT students to employ in their college projects.

It includes several features that allow users to reserve movie tickets and provide information about movies. The principle of this system, as well as the Python application, is quite obvious.

It's similar to real-life scenarios and has been well-implemented.

This **Movie Ticket Booking System in Python** focuses on keeping track of movie booking details in particular. To be more specific, the

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technology aids in the tracking of theater films in terms of their depth information.

In addition, the system organizes all pricing listings by day and kind.

The system also allows you to view booking details and more. This project clearly has a manager panel and a cashier panel.

In this web application's overview, the manager has complete control over the system.

He or she has the ability to manage movies, schedule movies, change ticket prices, and list booking information.

Python Program for Movie Ticket Booking : Modules

Movie Management and Show Schedule

Furthermore, a manager can only manage and set up movies. The system, in general, allows you to insert movies with numerous details. The title, language, format, total length, and hall id are all examples of movie details.

- Employee Management System
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In addition, the user must schedule each movie before making it available to the general public.

In order to schedule a movie with respect to format and hall id, the user must first select a date and time. In fact, in order to schedule a screening, each movie should have its own unique show timing and day.

Both of these traits are critical to sustaining the system's appropriate flow.

Booking Details and Alter Ticket Prices

On the one hand, this python movie ticket buying application helps the manager to keep track of all the booking details.

The user must first choose a day, after which the system will display all available bookings along with the title of the film and the booking id.

Furthermore, the manager will not be able to see any booking information prior to the present date. Another great feature of this entire python web application for ticket booking is that it allows the manager to update ticket prices.

In fact, rates can vary depending on the type of film and the day of the week.

When reserving a movie via the cashier's/employee panel, this is the major point where the system relates to price details.

Cashier Panel and Movie Ticket Booking

The cashier/employee, on the other hand, has a restricted but crucial role in the system.

An employee can only make reservations for the consumer. In other words, the user from the cashier panel can only book movie tickets and not utilize any other features.

The cashier must input certain dates and times in order to book a movie.

In exchange, the system provides a list of currently playing movies from which the user can choose according to their preferences. Additionally, the device displays available movie screening times.

After completing these stages, the user can move to seat selection, which is organized by number. Furthermore, payment functionality is not included in this modest project, but the system does ask for confirmation of the booking before ending the session.

Finally, while using this theatre management system project in Python with Flask Web Framework, a clean and simple dashboard is displayed

with basic color combinations for a better user experience.

A free open-source CSS framework for its UI elements; Bootstrap is also on board with some Vanilla CSS.

Presenting a new Python Theatre Management and Movie Ticket Booking System Project that features a management panel with only the most important items to keep track of, as well as a knowledgable resource for learning reasons.

Movie Ticket Booking System Project in Python and MySQL : Features

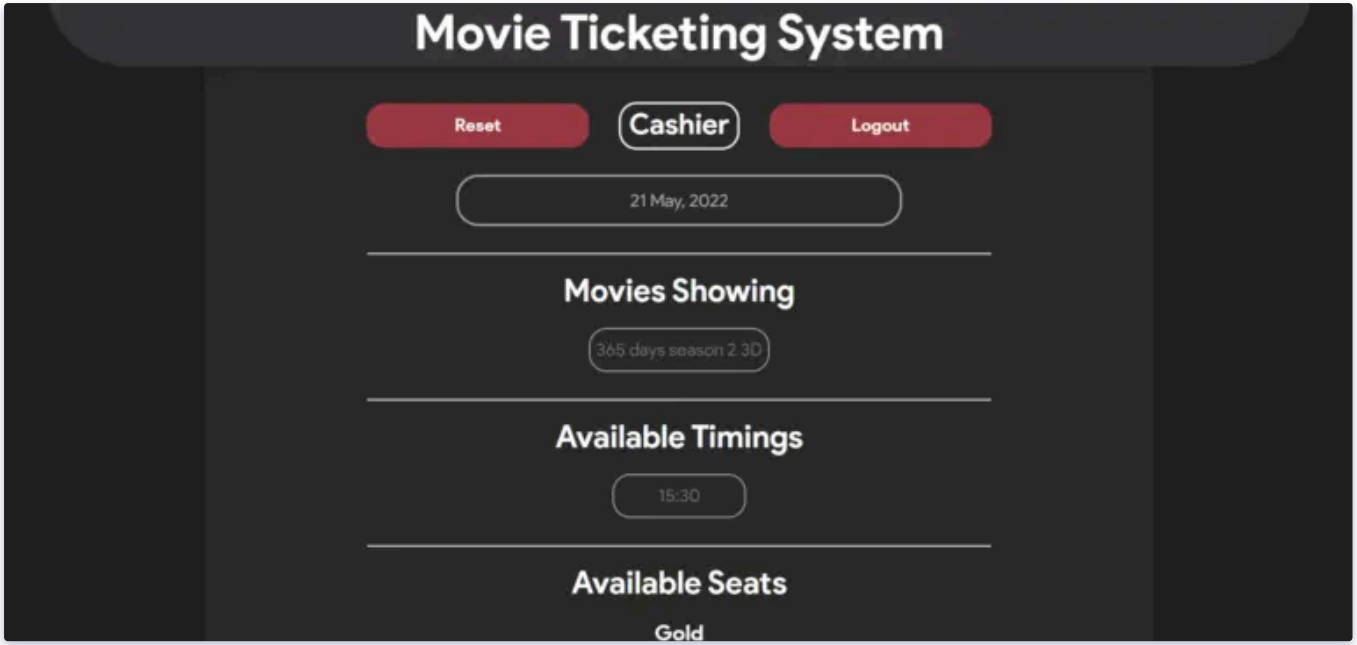
- Manager Panel
- Cashier Panel
- Add Movies
- Schedule Shows
- View Booking Details
- Alter Ticket Prices
- Make Bookings
- Seat Selections

Movie Management System Project in Python : Project Details and Technology

Project Title:	Movie Ticket Booking System Project in Python with Source Code
Abstract :	**Movie Ticket Booking System Project in Python** is a digital platform that allows customers to access the services of a business, reserve seats and buy tickets.
Project Type:	Web Application
Technology :	PyCharm IDE Platform
Language:	Python Flask
Database :	MySQL
Developer:	IT Source Code

Movie Ticket Booking System Project in Python with Source Code

Python Ticket Booking System Output



Movie Ticketing System in Python

To start executing this **Movie Ticket Booking System Project in Python with Source Code**, make sure you have **PyCharm IDE** installed in your computer.

By the way if you are new to python programming and you don't know what would be the the Python IDE to use, I have here a list of Best Python IDE for Windows, Linux, Mac OS that will suit for you. I also have here How to Download and Install Latest Version of Python on Windows.

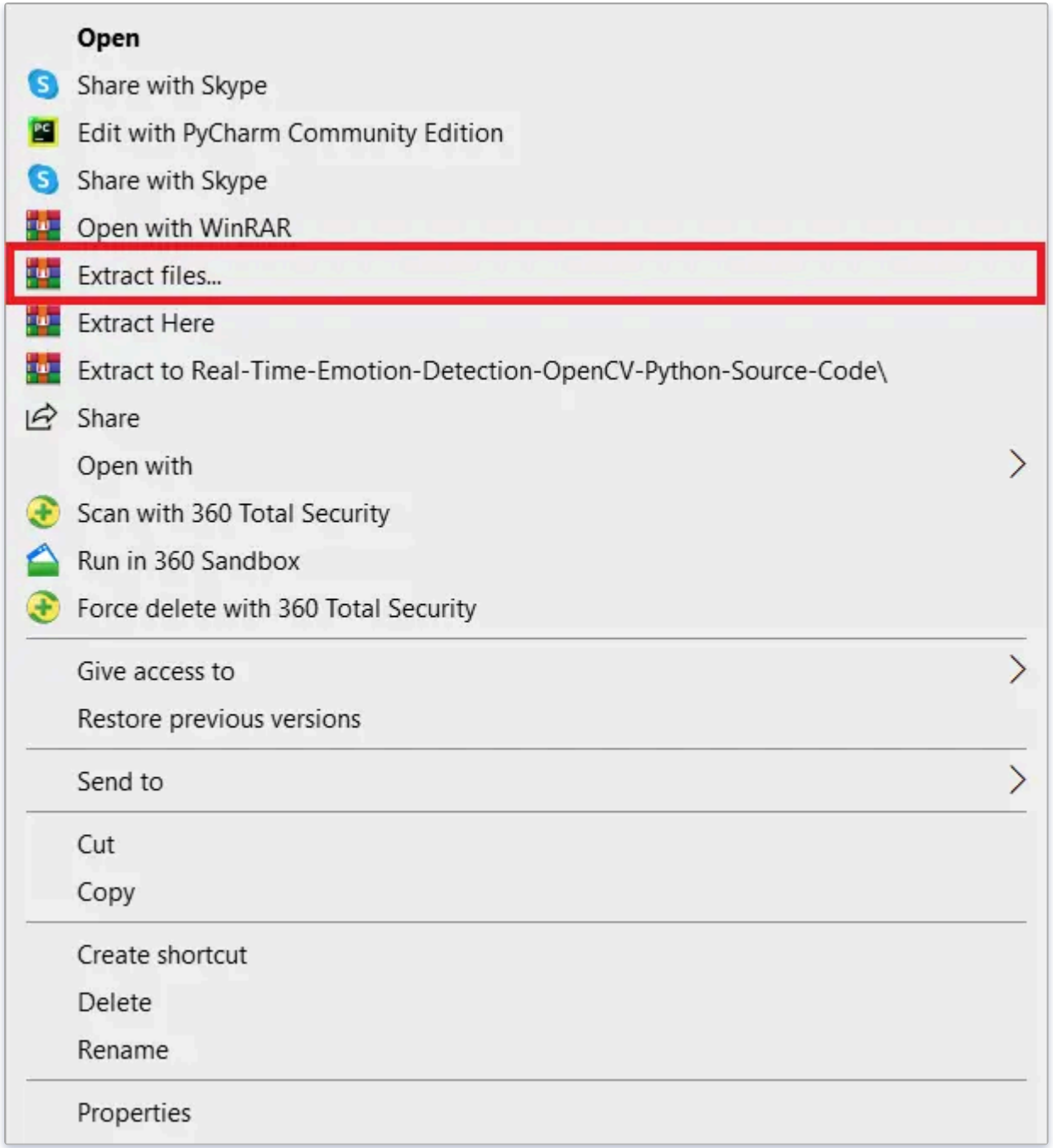
Steps on how to run Movie Ticket Booking System Project in Python with Source Code

Time needed: 5 minutes

Movie Ticket Booking System Project in Python with Source Code

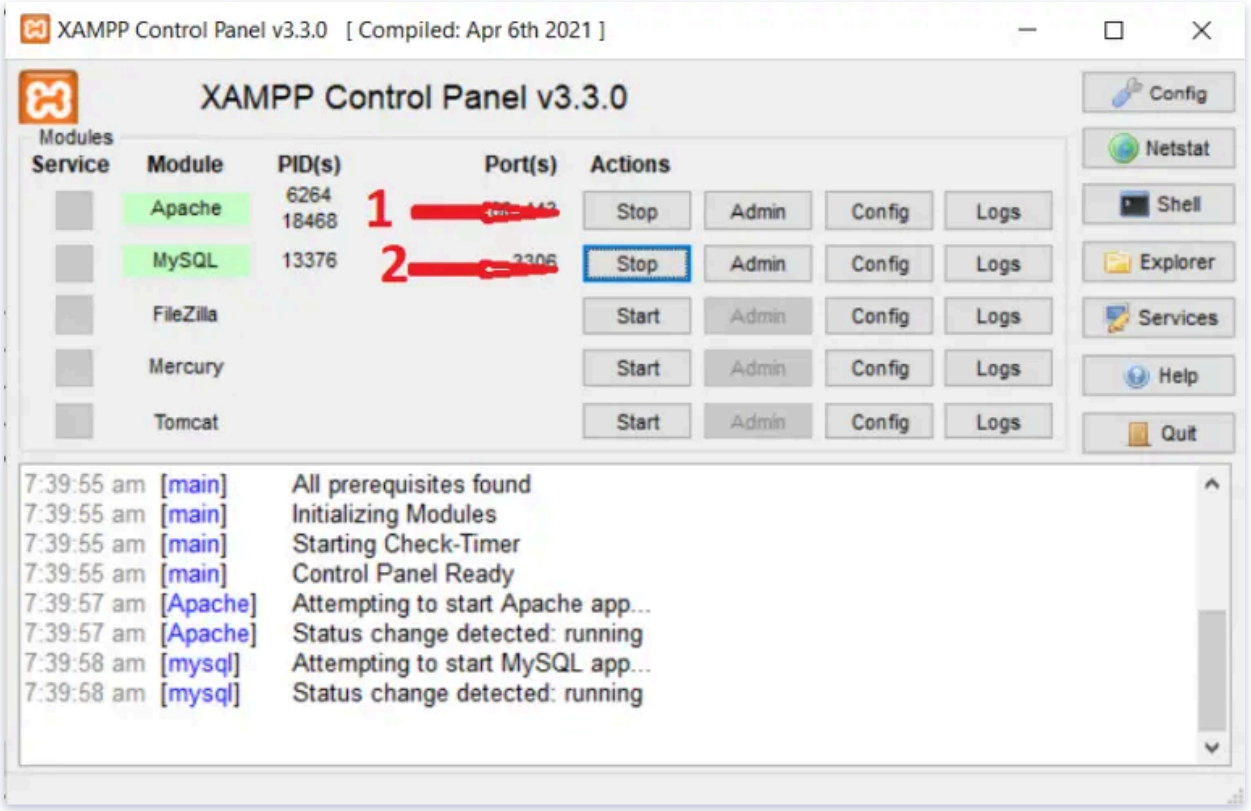
- **Step 1: Download source code.**
  First, download the source code given below.

- **Step 2: Extract file.**
  Next, after you finished download the source code, extract the zip file.



- **Step 3: Open Xampp**

Next, open xampp and start “**apache**” and “**mysql**“.

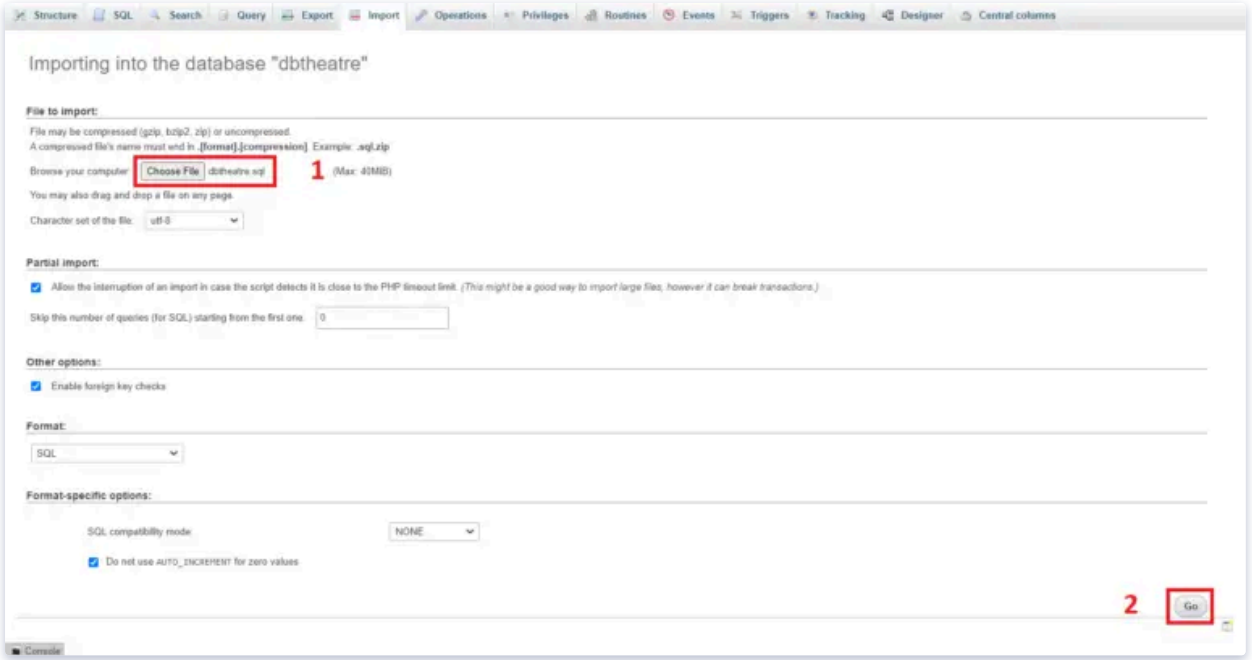


- **Step 4: Create new Database**

  Next, open any browser and type **“localhost/phpmyadmin”**.

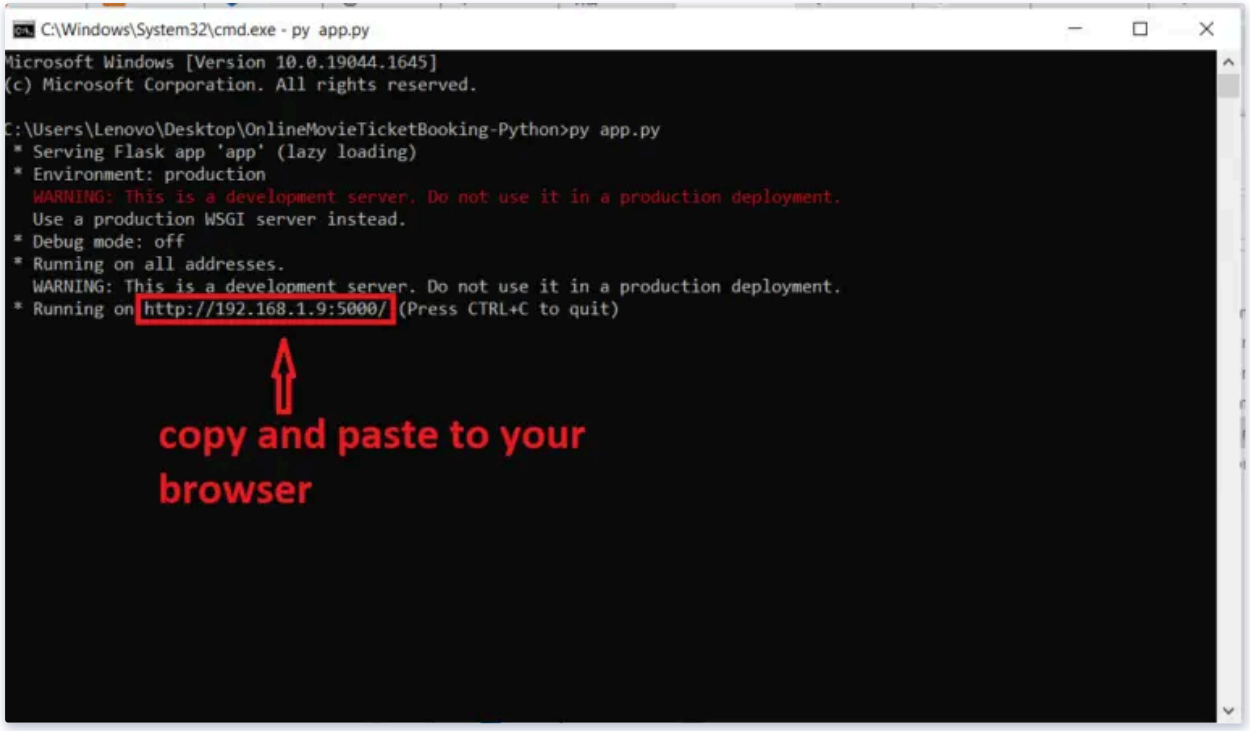
- **Step 5: Import SQL File**

  Next, Import the given sql file to your database you've create.



- **Step 6: Run Project**

Last, open the project folder and run the project.



Download Source Code below

Click Here To Download The Source Code!

Summary

This Python project for an online ticket booking system is a basic project for intermediate levels that broadens knowledge of Python applications.

Finally, this entire python project with free source code is an absolute project and a worthwhile means for users to study and explore more

about it.

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Inquiries

If you have any questions or suggestions about the **Movie Ticket Booking System Project in Python with Source Code**, please feel free to leave a comment below.

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