

EduBridge



A Project Report On

Online Chat Application

By

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Introduction

- An online chatting application is software that allows users to send and receive messages online.
- Nowadays, this kind of application is built into every smartphone, it is available for everyone and it is very popular and favorite.
- Users can communicate with other users over the Internet and it is a real-time transmission of text, audio, or video messages.

Requirement Analysis

Front end: HTML,CSS, Bootstrap, JavaScript.

Back end: Python, Django, SQLite

IDE: Visual Studio code, PyCharm

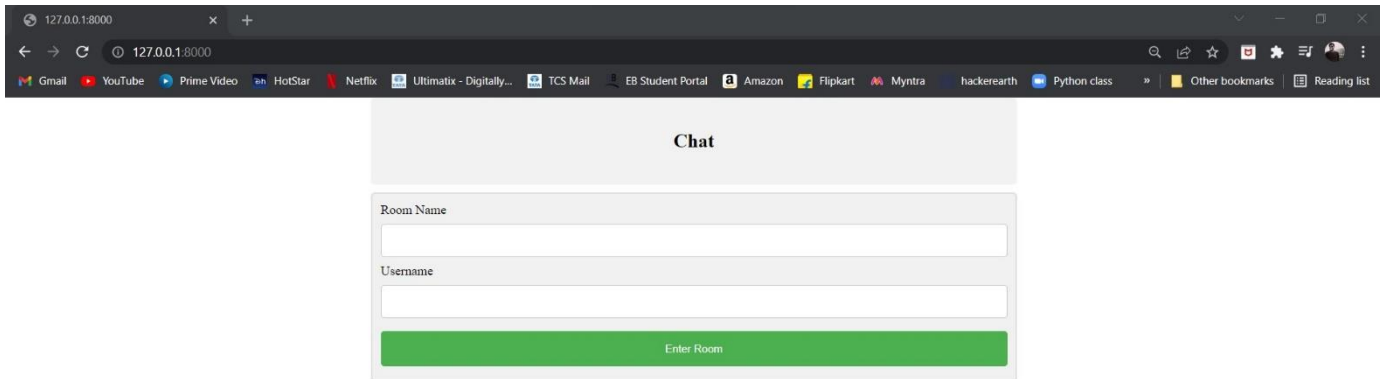
Browser: Google Chrome

Software Requirements:

- Operating System: Window 10.
- Software Requirements: Python, Django, PIP.

Screenshots of the project:

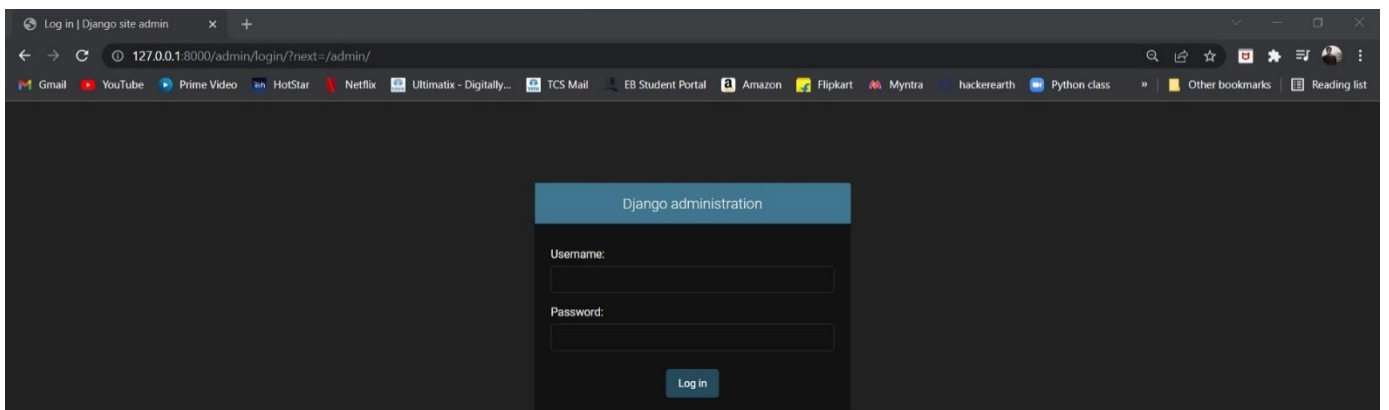
- Home Page:



A screenshot of a web browser showing a chat interface. The browser's address bar displays '127.0.0.1:8000'. The page has a light gray header with the word 'Chat' centered. Below the header, there is a form with two input fields: 'Room Name' and 'Username'. A green button labeled 'Enter Room' is positioned at the bottom of the form. The browser's bookmark bar is visible at the top, containing links to various services like Gmail, YouTube, Prime Video, HotStar, Netflix, and others.

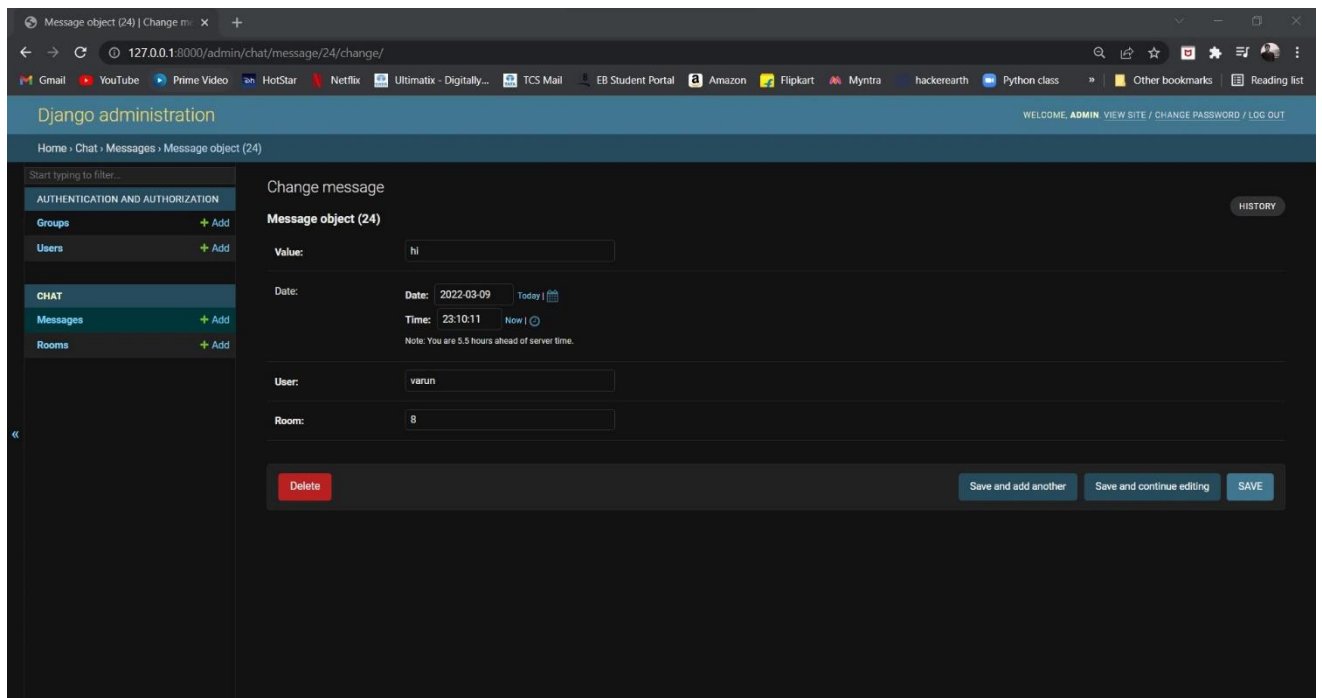
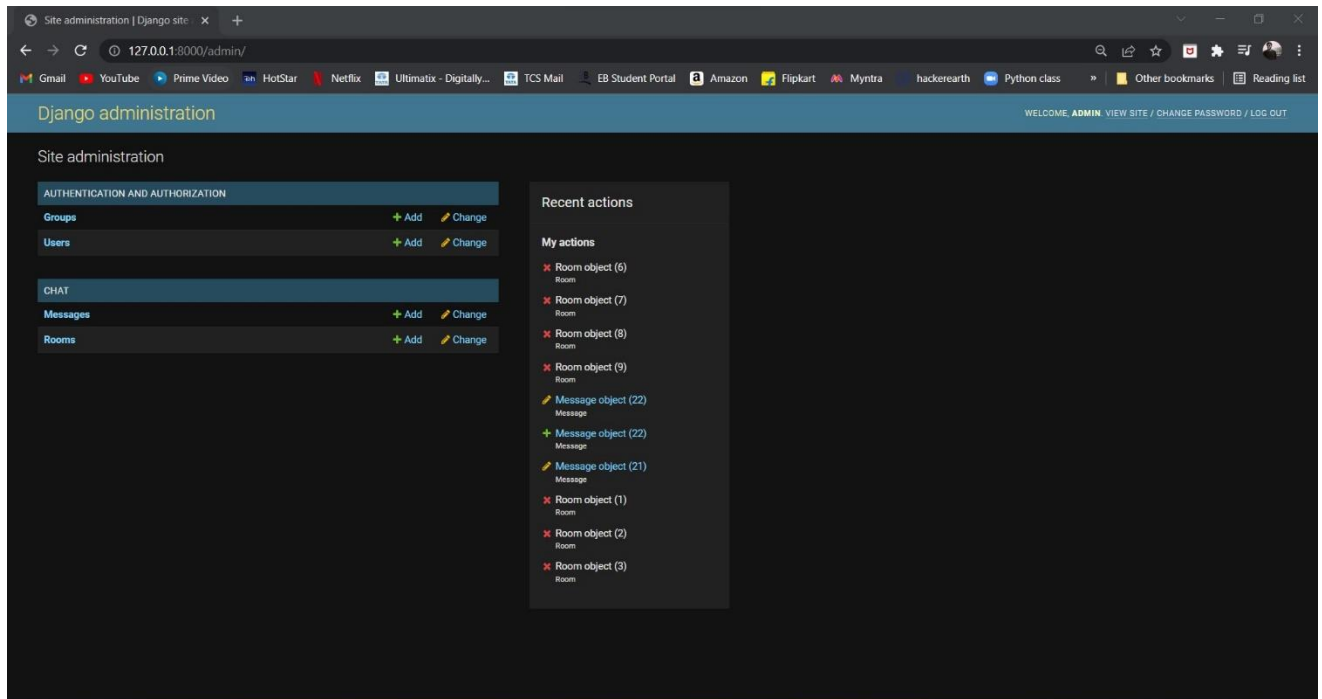
[User can create their custom room using any unique id and then share the id with your friends and family to chat in the same room]

- Admin Login Page:



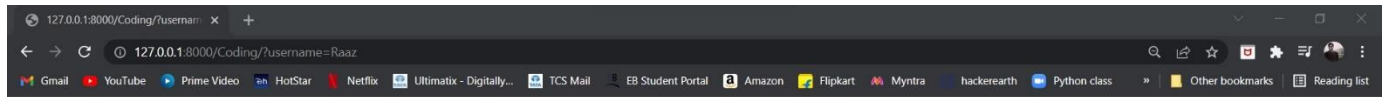
A screenshot of a web browser showing the Django administration login page. The browser's address bar displays '127.0.0.1:8000/admin/login/?next=/admin/'. The page has a dark gray background. In the center, there is a light blue box with the title 'Django administration'. Inside this box, there are two input fields: 'Username:' and 'Password:'. A blue button labeled 'Log in' is located at the bottom of the box. The browser's bookmark bar is visible at the top, containing links to various services like Gmail, YouTube, Prime Video, HotStar, Netflix, and others.

- Admin Page:



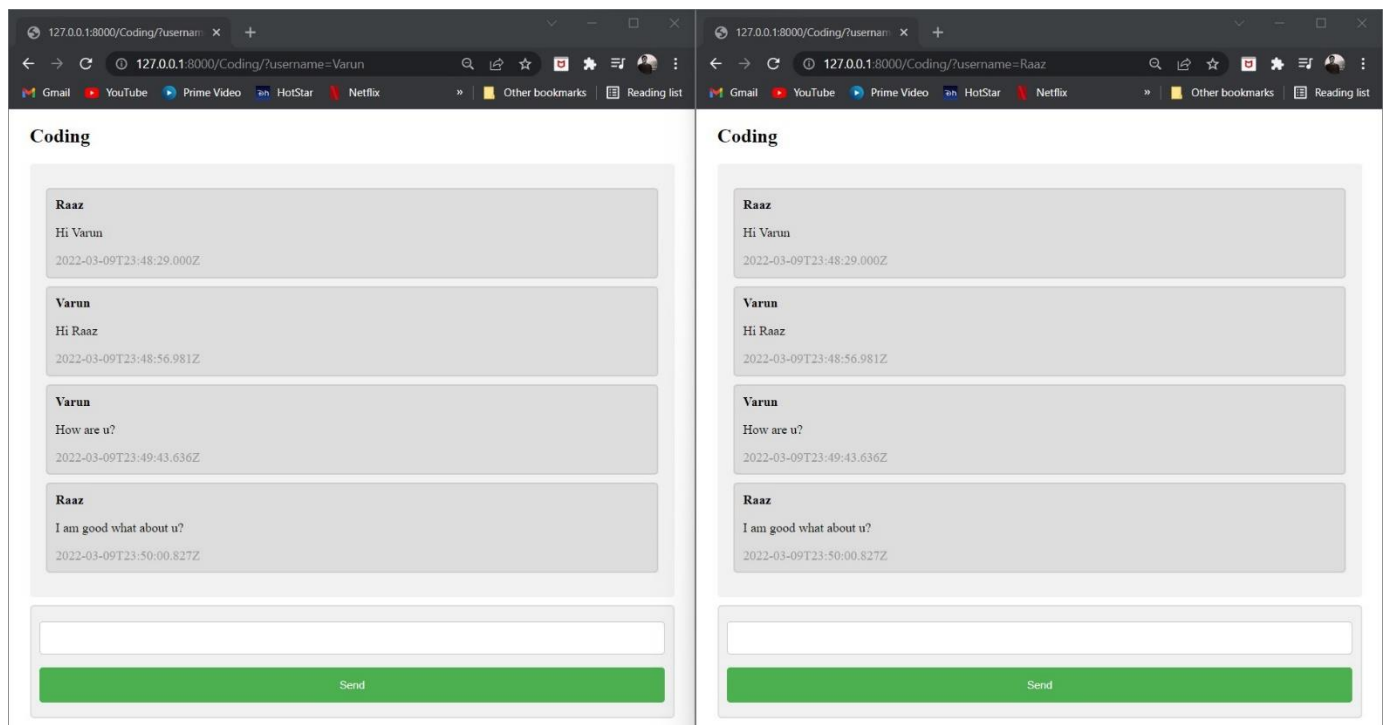
[Admin can control all the activities like checking the messages, deleting or adding the chatroom, user, etc.]

- Chat Room:



Coding

Send



[When you will start the chat it will show all details like date, time, and your name.]

