User Manual for “ChatterUp”

19/12/2024 ; Author: Nougat_Group

Introduction:

Welcome to **ChatterUp** app user manual! This manual is designed to guide you to understand the features of our chat application. This manual will provide you a step-by-step instructions to maximize your experience.

The chat application offers a user-friendly interface, robust messaging functionalities, and features designed for modern communication. From sending and receiving real-time messages and managing your profile.

Key highlights for this manual includes:

- Learning how to install, login, and logout of your account.
- Discover how to send, and receive your messages efficiently.

System Requirements:

Hardware:

- ♦ Memory (RAM): 4 GB or higher
- ♦ Storage: 500 MB free disk space

Software:

- ♦ Web Browser: Chrome, Edge, Firefox, Avast
- ♦ Python 3.12 or higher (for windows version using NiceGUI)
- ♦ Required libraries: NiceGUI, UUID, and any other dependencies specified in the installation guide.

Installation:

Step 1: Install Python

Ensure that you already have Python 3.12 or higher installed in your system. You can check this by running:

Bash: python –version

If Python isn’t installed, you can download it from Download Python | Python.org.

Step 2: Install Necessary Libraries

You’ll need to install the following Python libraries:

- NiceGUI for front-end UI
- Flask or FastAPI (for backend API’s if you’re using Python)
- SQLite or SQLAlchemy for database handling

Use the following command to install these dependencies:

Bash: pip install nicegui flask sqalchemy

Step 3: Set up Project Folder

Place the ChatterUp in your desired directory. Ensure that the project folder includes Python f iles (e.g. ChatterUp.py).

Navigate to the folder containing the app:

Bash: cd /

Example: cd /OneDrive/Desktop

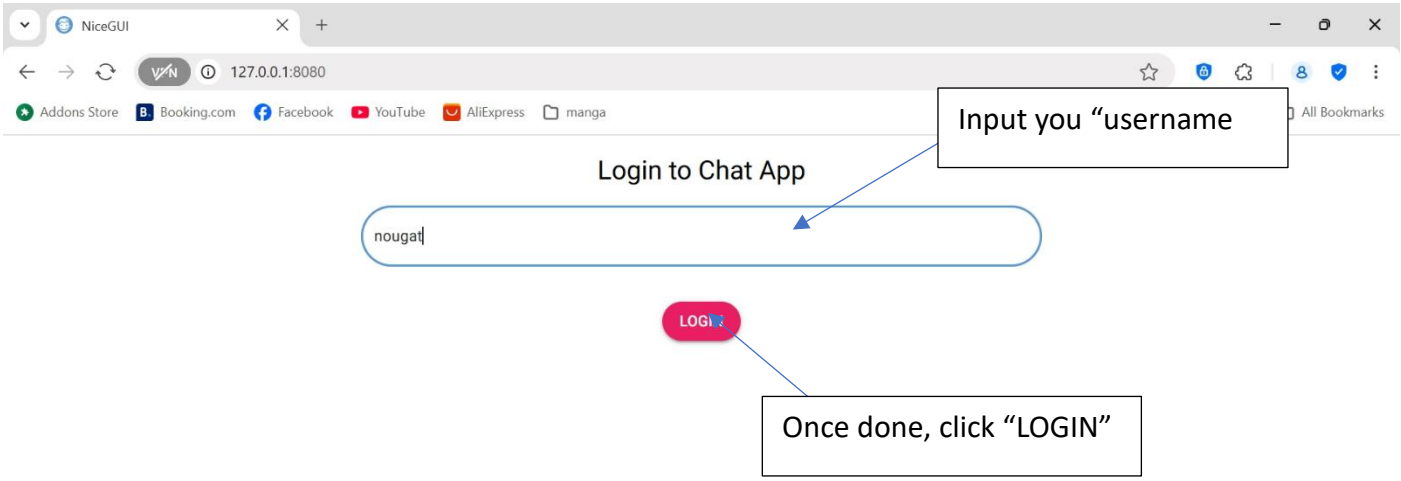
Step 4: Run the Python App

Once the dependencies are installed, run the app using the following command:

Bash: python ChatterUp.py

Getting Started:

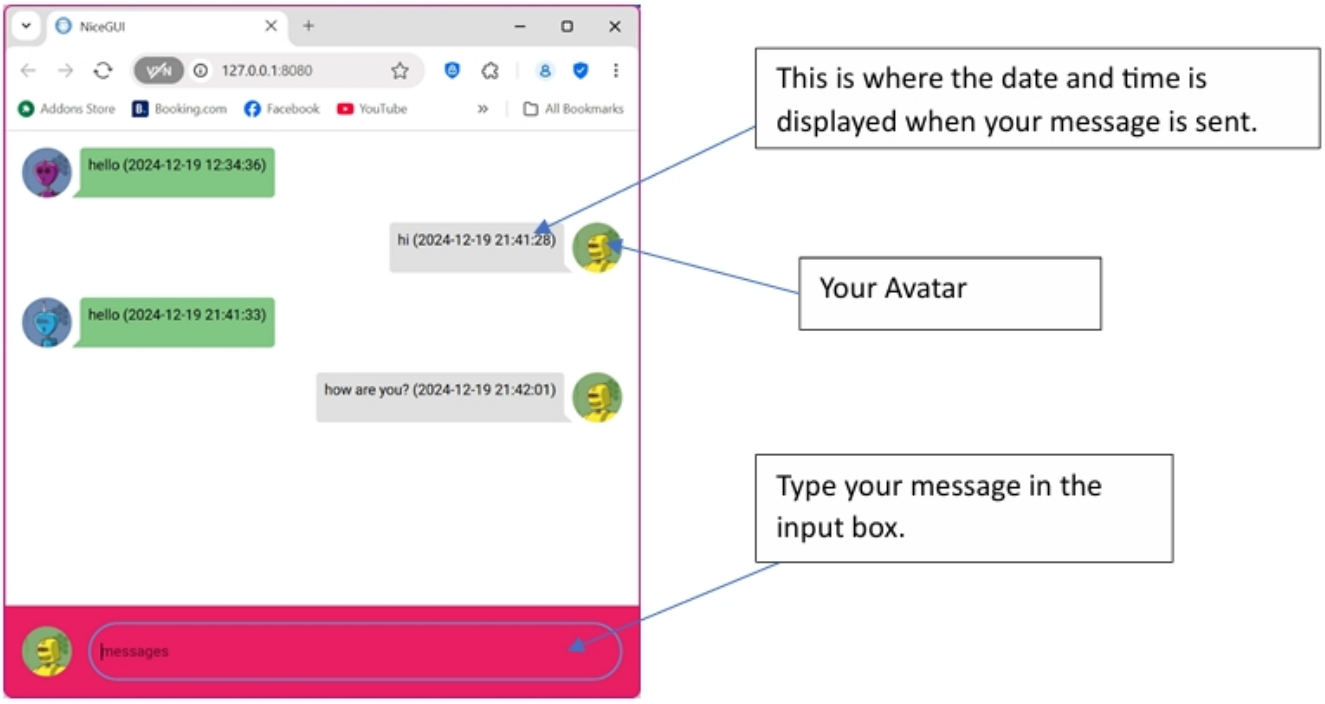
Login



Features Overview:

- Real-time Messaging: Send and receive messages.
- Message Timestamp: Displays the time and date for each messages.
- User avatars: Unique avatars for each user.

Usage Instructions:



Troubleshooting:

List of common issues and solutions:

- “Unable to log in.” : Ensure correct username and password.
- “Messages not displayed.” : Check your network status.