House Rent Prediction system with a web user interface created using Flask, here is a set of instructions to help others run the project on their computers:

Prerequisites:

Ensure that the following prerequisites are met on the user's computer:

Python is installed. (Preferably Python 3.x)

Pip (Python package manager) is installed.

Required Python packages are installed (Flask, NumPy, Pandas, Scikit-learn, etc.).

Instructions:

Step 1: Download the Project Files

- I've shared all the necessary project files with you. Make sure you have the Python file (`app.py`) containing the Flask application, and any other files needed (e.g., trained model file, data file, templates, static files, etc.).

Step 2: Install Required Packages

- Before running the project, ensure you have Python installed on your computer (preferably Python 3.x). Also, check if you have Pip installed, as it will help manage the required packages.

- Open a terminal or command prompt, navigate to the project folder where the `app.py` file is located.

- Install the required packages by running this command:

bash

pip install flask numpy pandas scikit-learn

Step 3: Run the Flask Application

- With the required packages installed, you're all set to run the Flask application!

- Go back to the terminal or command prompt and execute this command:

bash

python app.py

- Once it's running, you'll see output similar to this:

*** Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)**

Step 4: Access the Web Interface

- Now, open your favorite web browser (e.g., Chrome, Firefox) and type this URL in the address bar:

http://127.0.0.1:5000/

- Press Enter, and voilà! The House Rent Prediction web interface will appear right in front of you.

Step 5: Input Property Details and Get Predictions

- On the web interface, you'll see input fields for property details such as area, bathroom count, furnished status, and more.

- Simply enter the relevant property information into these input fields.

Step 6: Get Rent Predictions

- After entering the property details, click the "Predict Rent" button. The system will quickly process the information and display the predicted rent price right there on the web page.

Step 7: Stop the Application

- Once you're done using the web interface, you can stop the Flask application.

- Go back to the terminal where you executed `app.py` and press `CTRL+