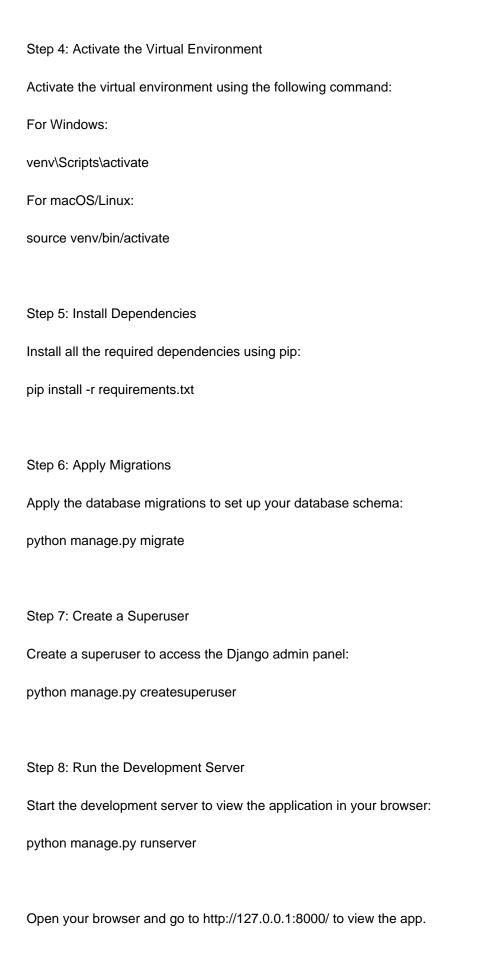# Blood Bank Donation Web App

Installation Guide

This is a Django-based web application for managing blood bank donations.

Prerequisites:

- Python (preferably 3.8 or later)

- pip (Python package installer)

- git (to clone the repository)

Step 1: Clone the Repository

Clone the project from GitHub to your local machine using the following command:

git clone https://github.com/shehabth1999/bloodbank.git

Step 2: Navigate to the Project Directory

Change your directory to the project folder:

cd bloodbank

Step 3: Set Up a Virtual Environment

Create a virtual environment to manage your project dependencies. This is recommended to avoid conflicts with other

projects.

For Windows:

python -m venv venv

For macOS/Linux:

python3 -m venv venv

Step 4: Activate the Virtual Environment

Activate the virtual environment using the following command:

For Windows:

venv\Scripts\activate

For macOS/Linux:

source venv/bin/activate

Step 5: Install Dependencies

Install all the required dependencies using pip:

pip install -r requirements.txt

Step 6: Apply Migrations

Apply the database migrations to set up your database schema:

python manage.py migrate

Step 7: Create a Superuser

Create a superuser to access the Django admin panel:

python manage.py createsuperuser

Step 8: Run the Development Server

Start the development server to view the application in your browser:

python manage.py runserver

Open your browser and go to http://127.0.0.1:8000/ to view the app.

Contributing

If you would like to contribute to this project, please fork the repository and create a pull request with your changes.

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