

Caller On Project Setup Guide

Prerequisites

Before setting up the project, ensure you have the following installed on your system:

- Python (version 3.x recommended)
- pip (Python package manager)
- Virtual environment (venv)

Step 1: Install Python

If Python is not installed, download and install it from the official website:

<https://www.python.org/downloads/>

After installation, verify by running:

```
python --version
```

or

```
python3 --version
```

Step 2: Create a Virtual Environment

Navigate to your project directory and create a virtual environment:

```
python -m venv venv
```

Activate the virtual environment:

- **Windows:**
`venv\Scripts\activate`
- **Mac/Linux:**
`source venv/bin/activate`

Step 3: Install Dependencies

Once the virtual environment is activated, install the required dependencies using the `requirements.txt` file:

```
pip install -r requirements.txt
```

Step 4: Apply Migrations

Run the following command to apply database migrations:

```
python manage.py migrate
```

Step 5: Run the Server

Start the Django development server:

```
python manage.py runserver
```

The application should now be running. Open your browser and visit:

```
http://127.0.0.1:8000/
```

Additional Commands

- **Create a Superuser (for admin access):**

```
python manage.py createsuperuser
```

Follow the prompts to set up an admin user.

- **Collect Static Files (for production deployment):**

```
python manage.py collectstatic
```

Your project setup is now complete!