Amohaa

Employee Management System
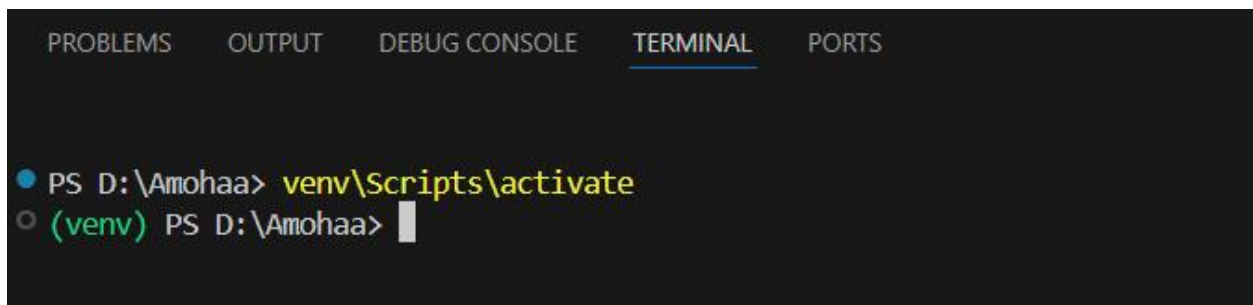
Developed By:

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Step 1: Project Folder Setup

1. Copy or download the **project folder** to your local system.

2. Open **Command Prompt / PowerShell** and navigate to the project directory

Step 2: Activate Virtual Environment

- Windows:

`venv\Scripts\activate`

- Mac/ Linux

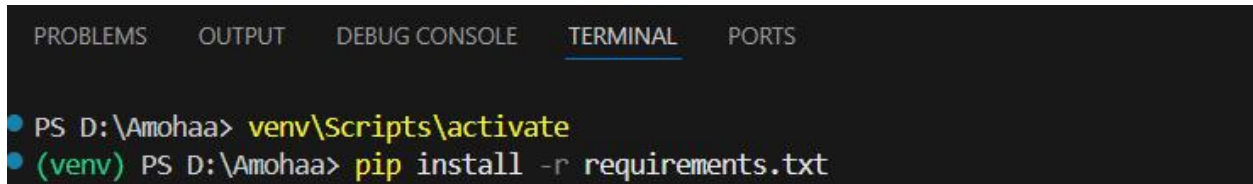   Type the command

   `source venv/bin/activate`

   You should now see (venv) in your terminal prompt.

Step 3: Install Dependencies

1. Install required Python packages

   Type command:

   `pip install -r requirements.txt`
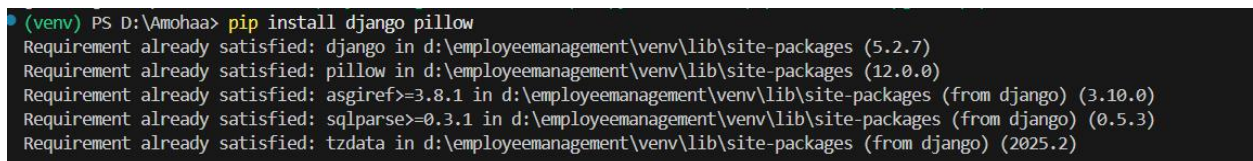
```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

PS D:\Amohaa> venv\Scripts\activate
(venv) PS D:\Amohaa> pip install -r requirements.txt
```

2. If requirements.txt is not available, manually install packages:

   Type command:

   `pip install django pillow`

```
(venv) PS D:\Amohaa> pip install django pillow
Requirement already satisfied: django in d:\employeemanagement\venv\lib\site-packages (5.2.7)
Requirement already satisfied: pillow in d:\employeemanagement\venv\lib\site-packages (12.0.0)
Requirement already satisfied: asgiref>=3.8.1 in d:\employeemanagement\venv\lib\site-packages (from django) (3.10.0)
Requirement already satisfied: sqlparse>=0.3.1 in d:\employeemanagement\venv\lib\site-packages (from django) (0.5.3)
Requirement already satisfied: tzdata in d:\employeemanagement\venv\lib\site-packages (from django) (2025.2)
```

3.Type command:

   `python -m pip install Pillow`

```
(venv) PS D:\Amohaa> python -m pip install Pillow
Collecting Pillow
  Using cached pillow-12.0.0-cp313-cp313-win_amd64.whl.metadata (9.0 kB)
Using cached pillow-12.0.0-cp313-cp313-win_amd64.whl (7.0 MB)
Installing collected packages: Pillow
Successfully installed Pillow-12.0.0
```

Step 4: Database Setup

Run migrations by type this commands:

python manage.py makemigrations

python manage.py migrate

```
(venv) PS D:\Amohaa> python manage.py makemigrations
No changes detected
(venv) PS D:\Amohaa> python manage.py migrate
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, employee_portal, sessions
Running migrations:
  No migrations to apply.
```

Step 5: Create SuperUser

If you need access to Django admin panel:

python manage.py createsuperuser

```
(venv) PS D:\Amohaa> python manage.py createsuperuser
Username (leave blank to use 'kowsa'): nidharsana
Email address:
Password:
Password (again):
This password is too short. It must contain at least 8 characters.
This password is too common.
This password is entirely numeric.
Bypass password validation and create user anyway? [y/N]: y
Superuser created successfully.
(venv) PS D:\Amohaa>
```

Step 6: Run the server

1. Start the Django development server

```
python manage.py runserver
```

```
(venv) PS D:\Amohaa> python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
November 02, 2025 - 16:42:48
Django version 5.2.7, using settings 'employee_management.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```

2. Then open the browser and go to:

http://127.0.0.1:8000/

2. Login by using the superuser email and password

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Step 6: Access dashboard page