

Amohaa

Employee Management System

Developed By:

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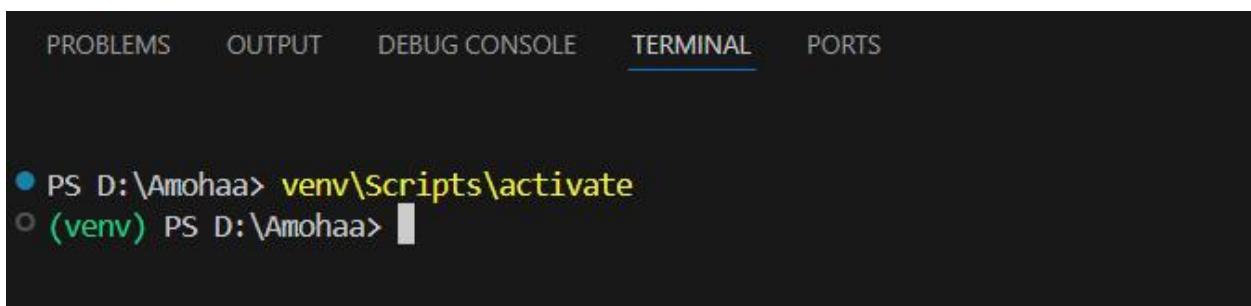
Step 1: Project Folder Setup

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
```



A screenshot of a terminal window from a code editor. The window has tabs at the top: PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (which is underlined in red), and PORTS. The terminal area shows the command `venv\Scripts\activate` being run, followed by a prompt indicating the environment is activated: `(venv) PS D:\Amohaa>`. The background of the terminal is dark.

- 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
```

The screenshot shows a terminal window with several tabs at the top: PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (which is underlined in blue), and PORTS. Below the tabs, there are two entries in the terminal history:

- 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
```

The screenshot shows a terminal window with the following output:

```
● (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

The screenshot shows a web browser window with the URL 127.0.0.1:8000 in the address bar. A modal dialog box titled "Login Form" is centered on the page. It contains two input fields: "Email" with placeholder "Enter email" and "Password" with placeholder "Enter password" and an eye icon for password visibility. Below the fields is a blue "Login" button. At the bottom of the modal is a link "Forgot Password?".

Step 6: Access dashboard page

The screenshot shows a web browser window with the URL 127.0.0.1:8000/main/home/. The page is titled "AMOHAA Web services" and "My Dashboard". On the left, there is a sidebar with icons for Home, Onboarding, My Account, Attendance, and Holidays. The main content area features a banner with a green leafy pattern. On the right, there is a profile picture of a man and the text "Pragathishwaran Thangappan CEO". Below this, it says "Checked-out 00 : 00 : 00" and a green "Check-in" button. To the right, a large white box displays the "Weekly Work Summary (Nov. 2, 2025 - Nov. 8, 2025)". The summary table has "General" at the top and rows for Sun, Mon, Tue, Wed, Thu, Fri, and Sat. Each row shows the date and a small minus sign under the time column.

General	9:30 AM - 6:30 PM	Sun	Mon	Tue	Wed	Thu	Fri	Sat
		02	03	04	05	06	07	08