

Amohaa

# Employee Management System

Developed By:

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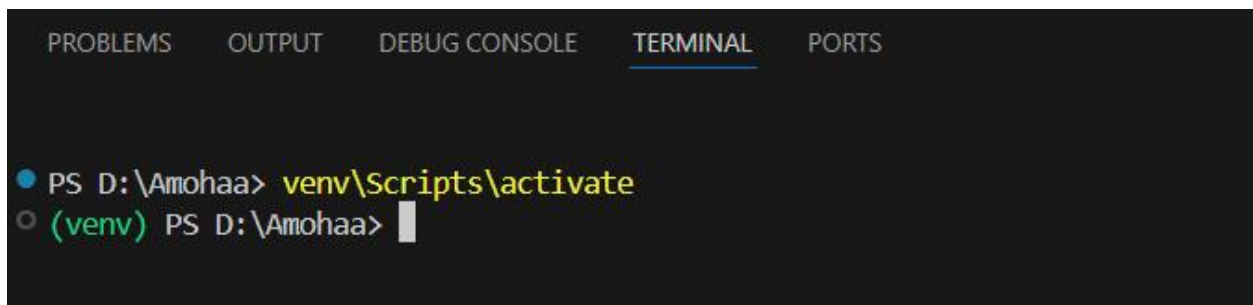
## Step 1: Project Folder Setup

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
```



The screenshot shows a VS Code interface with a terminal window open. The terminal has tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (which is active), and PORTS. The terminal output shows a PowerShell prompt at 'D:\Amohaa' where the command 'venv\Scripts\activate' has been entered. The prompt has changed to '(venv) PS D:\Amohaa>', indicating the virtual environment is now active.

- Mac/ Linux

Type the command

```
source venv/bin/activate
```

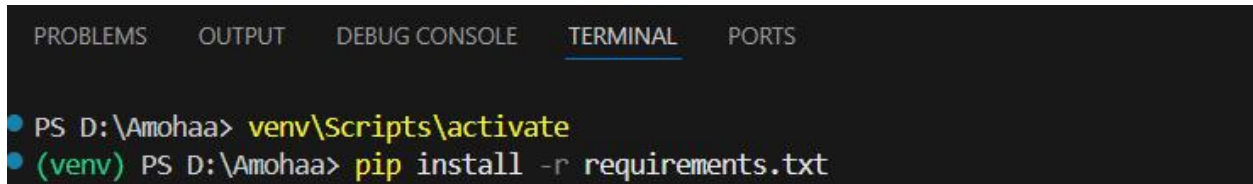
You should now see (venv) in your terminal prompt.

## Step 3: Install Dependencies

1. Install required Python packages

Type command:

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

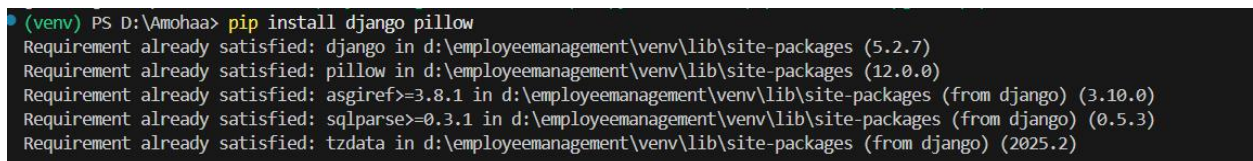


```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
• PS D:\Amohaa> venv\Scripts\activate
• (venv) PS D:\Amohaa> pip install -r requirements.txt
```

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

← → ↻ 127.0.0.1:8000

### Login Form

Email

Password

Login

[Forgot Password?](#)

## Step 6: Access dashboard page


Dashboard x +

← → ↻ 127.0.0.1:8000/main/home/

AMOHAA

My Dashboard

- Home
- Onboarding
- My Account
- Attendance
- Holidays



**Pragathishwaran Thangappan**  
CEO

Checked-out

00 : 00 : 00

Check-in

#### Weekly Work Summary (Nov. 2, 2025 - Nov. 8, 2025)

General  
9:30 AM - 6:30 PM

Sun 02	Mon 03	Tue 04	Wed 05	Thu 06	Fri 07	Sat 08
-	-	-	-	-	-	-