

# Employee Records Django App

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A simple Django application for managing patient session records, with Excel import and ngrok exposure. These instructions assume **Windows** and no virtual-environment steps.

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## 1. Download & Install

### 1. Download the repository

```
git clone https://github.com/AlyaF3i/center_data_entry.git
cd center_data_entry
```

### 2. Install Python dependencies

Open PowerShell (as normal user) in the project root and run:

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

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## 2. Configure Settings

### 1. Run Ngrok:

```
ngrok http 8000
# it will print for you a url
# Forwarding https://7393-2001-8f8-1c3b-1260-1caf-2afb-931c-818c.ngrok-free.app -> http://localhost:8000
```

### 2. Set your ngrok domain (In `employee_site\settings.py`):

```
DOMAIN = "YOUR-NGROK-HOST.ngrok-free.app" # you get it from the output of
the previous step
```

## 3. Database Setup

Run these commands in PowerShell from the project root:

```
# python manage.py makemigrations # only if you update the models.py
python manage.py migrate
```

This creates the SQLite database and all required tables.

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## 4. Create Admin User

Create a Django superuser to access the admin panel:

```
python manage.py createsuperuser
```

Follow the prompts to set username, email, and password.

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## 5. Import Files & PaymentTypes

Use the management command to load your Excel sheet:

```
python manage.py import_sheet "C:\Users\user\Desktop\ram_help\DAILY ACTIVE  
PED.xlsx" "Sheet1"
```

This will:

- Create (or reuse) each **File** by the **FILE** column.
  - Create (or reuse) each **PaymentType** by the (**TRX**, **COMP**) values.
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## 6. Run Locally

Start the Django development server on port 8000:

```
python manage.py runserver
```

Visit <http://127.0.0.1:8000/> in your browser.

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## 7. Expose via ngrok

1. **Download ngrok for Windows** from <https://ngrok.com/download> and unzip **ngrok.exe** into a folder, e.g., **C:\ngrok**.
2. **Run ngrok** (in a separate PowerShell window):

```
C:\ngrok\ngrok.exe http 8000
```

3. **Copy** the forwarding URL that ngrok prints, e.g.:

```
Forwarding https://7393-2001-8f8-1c3b-1260-1caf-2afb-931c-818c.ngrok-free.app -> localhost:8000
```

4. **Update** **DOMAIN** in **settings.py** with that host (see Step 2), then **restart** the Django server.

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## 8. Access & Admin

- **App UI:** <https://<your-ngrok-host>/>
- **Admin UI:** <https://<your-ngrok-host>/admin/>

Log in with your superuser credentials to manage Files, PaymentTypes, and EmployeeRecords.

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You're now ready to use and share your Django app publicly via ngrok!