Employee Records Django App

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

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
```

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.

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.

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.

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.

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.

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.

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