Running the Summer Camp Django App

This guide walks you through how to run the existing Summer Camp Registration System Django application. It assumes you have already downloaded or cloned the GitHub repository located at:

https://github.com/TrentenPodach/summercampsystemCSCI450

All project files are located in the folder named 'Riley test files'.

# 1. Set Up Python Environment

1. Open Visual Studio Code.

2. Open the folder: 'Riley test files'.

3. Open the terminal (Ctrl + `).

4. Create a virtual environment:

python -m venv env

5. Activate the virtual environment:

.\env\Scripts\activate

6. Install the required dependencies:

pip install -r requirements.txt

# 2. Set Up the Database

1. Run Django's migration commands:

python manage.py makemigrations

python manage.py migrate

# 3. Create Admin Account (Superuser)

Create a superuser account to access the Django admin panel:

python manage.py createsuperuser

# 4. Start the Development Server

Run the Django development server:

python manage.py runserver

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

# 5. Using the App

- Visit /admin/ to log into the admin panel and manage data.

- Visit /register/ to test the public-facing registration form.

# 6. Notes

- All models are defined in campreg/models.py.

- All user forms are located in campreg/forms.py.

- Registration logic is handled in campreg/views.py.

- Templates are in campreg/templates/campreg/.

- URLs are configured in campreg/urls.py and summer\_camp/urls.py.