

Django + React Fullstack Project Setup Guide

Backend Setup (Django)

1. Create a virtual environment and activate it:

```
python -m venv env
```

```
source env/bin/activate (or .\env\Scripts\activate on Windows)
```

2. Install dependencies:

```
pip install django djangorestframework dj-rest-auth django-allauth django-cors-headers
```

3. Run migrations:

```
python manage.py makemigrations
```

```
python manage.py migrate
```

4. Create a superuser:

```
python manage.py createsuperuser
```

5. Run the server:

```
python manage.py runserver
```

Fix Site error (if needed)

```
python manage.py shell
```

```
from django.contrib.sites.models import Site
```

```
Site.objects.create(id=1, domain='localhost:8000', name='localhost')
```

Frontend Setup (React + TypeScript + Tailwind)

1. Navigate to frontend folder:

```
cd frontend
```

2. Install dependencies:

```
npm install
```

3. Start the development server:

```
npm start
```

Notes

- Django runs at: `http://127.0.0.1:8000`
- React runs at: `http://localhost:3000`
- Ensure CORS and SITE_ID are properly configured in `settings.py`