

Docker Setup Instructions

1. Clone the project

```
git clone https://github.com/your-username/subscription-api.git
cd subscription-api
```

2. Create .env file

Inside the project root, create a file named `.env` with the following content:

```
SECRET_KEY=""
FLASK_APP=main.py
FLASK_ENV=development
DATABASE_URL=postgresql://postgres:postgres@db:5432/subscription_db
JWT_SECRET_KEY=super-secret-key
```

3. Build and start the services

```
docker-compose up --build
```

This will:

- Start a PostgreSQL container
- Start your Flask API container on `http://localhost:5000`

4. Initialize the database

In a separate terminal:

```
docker-compose exec api flask db init
docker-compose exec api flask db migrate -m "Initial migration"
docker-compose exec api flask db upgrade
```

5. Test the API

Try registering a user:

```
POST http://localhost:5000/api/auth/register
Content-Type: application/json
```

```
{
  "email": "testuser@example.com",
  "password": "securepassword"
}
```

Notes

- Swagger UI: <http://localhost:5000/apidocs>
- Database is accessible via `localhost:5432` (Postgres)