Docker Setup Instructions

1. Clone the project

```
git clone https://github.com/ha2709/subscription.git
cd subscription
```

2. Create `.env` file

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

```
# Flask app configuration
FLASK_APP=main.py
FLASK_ENV=development
PYTHONUNBUFFERED=1

# Secret keys
SECRET_KEY=""
JWT_SECRET_KEY="1234"

# Database URL (Docker-compatible)
DATABASE_URL=postgresql://postgres:postgres@db:5432/subscription_db
```

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
docker-compose exec api python scripts/seed_subscriptions.py
```

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)