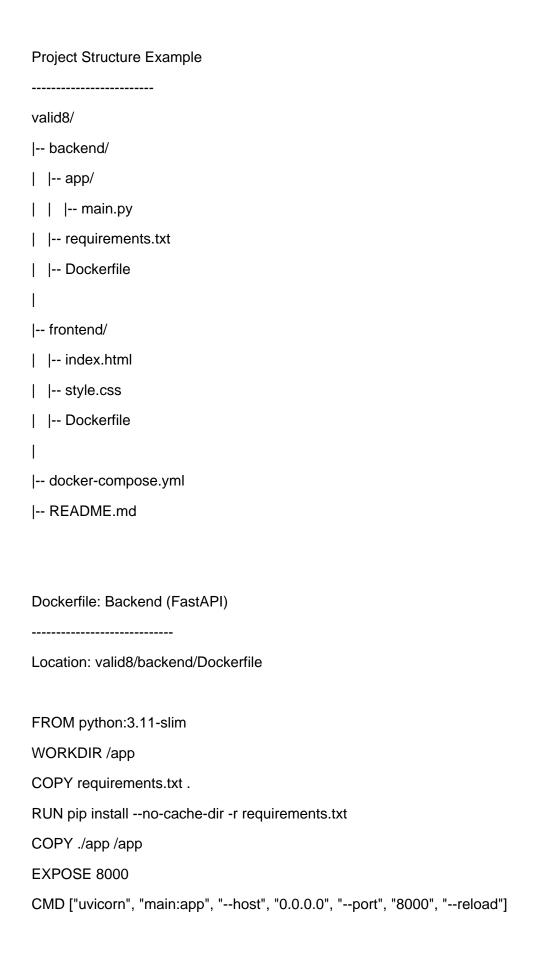
Docker Setup Documentation



Dockerfile: Frontend (Simple Static with Nginx)
Location: valid8/frontend/Dockerfile
FROM nginx:alpine
RUN rm -rf /usr/share/nginx/html/*
COPY . /usr/share/nginx/html
EXPOSE 80
Docker Compose Configuration
Location: valid8/docker-compose.yml
version: '3.9'
services:
backend:
build: ./backend
container_name: valid8_backend
ports:
- "8000:8000"
volumes:
/backend:/app
depends_on:
- db
frontend:
build: ./frontend
container_name: valid8_frontend
ports:
- "3000:80"

db:
image: postgres:14
container_name: valid8_db
environment:
POSTGRES_USER: valid8_user
POSTGRES_PASSWORD: valid8_password
POSTGRES_DB: valid8_db
ports:
- "5432:5432"
volumes:
db_data:/var/lib/postgresql/data
volumes:
db_data:
How to Set Up and Run the Project
4.61 4.5
1. Clone the Repository
git clone https://github.com/yourusername/valid8.gi
cd valid8
2. Build and Start All Containers
docker-compose upbuild
3. Access the Services
- Frontend: http://localhost:3000
- Backend (API docs): http://localhost:8000/docs
- PostgreSQL DB: Port 5432

Environment Variables

POSTGRES_USER=valid8_user

POSTGRES_PASSWORD=valid8_password

POSTGRES_DB=valid8_db

(Alternatively, reference a .env file in docker-compose.yml)

Stopping and Cleaning Up

----To stop the services:
 docker-compose down

To stop and remove volumes:
 docker-compose down -v