

1. Frontend (Node.js with Express):

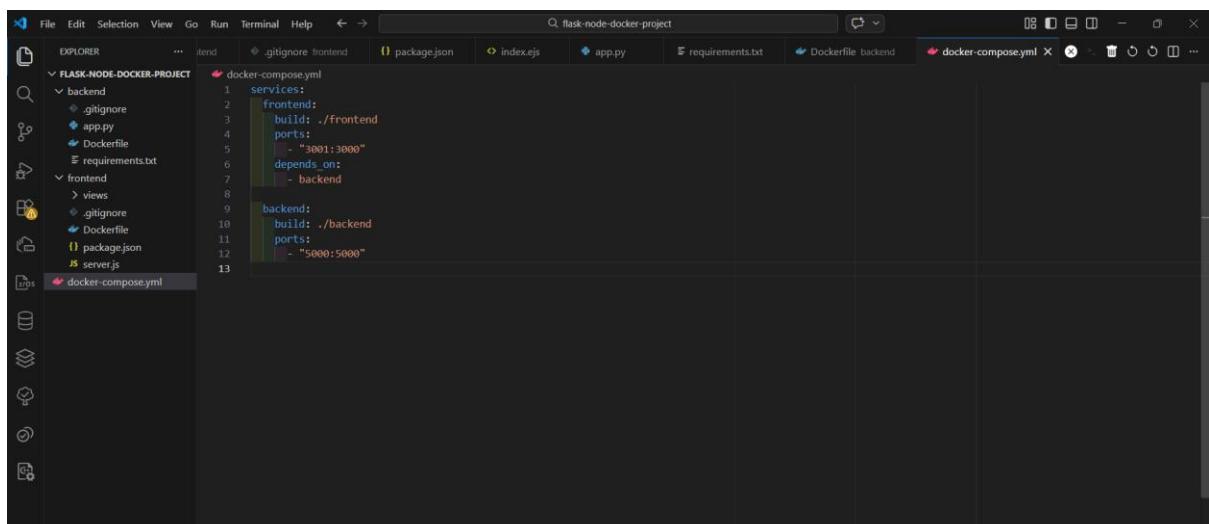
- Create a frontend using Express and Node.js.
- Include a form similar to the one from the Flask Assignment 2.
- Configure the form to send a request to the Flask backend.
- **Backend (Flask):**
- Use the Flask backend to handle the form submission and process the data.
- **Folder Structure:**
- Organize the project with separate folders for the frontend and backend.
- **Docker Configuration:**
- Create a Dockerfile for both the frontend and backend.
- Write a .yaml file (Docker Compose) to connect both services in the same network.
- Upload both images to docker hub and push your whole code to github and add the node_modules and other non required files(.vscode) in .gitignore



To-Do Form

Item Name:

Item Description:



```
Command Prompt - docker c x + v
#14 [backend] exporting to image
#14 exporting attestation manifest sha256:fd20fa14c6c9744c0fea8cac9f7a23ff2f941618c171e075c4be7780ccf15d54 0.1s done
#14 exporting manifest list sha256:9fd449259aba25a51ef8195af77e0736b6186a6d741b046269d614512973110 0.0s done
#14 naming to docker.io/library/flask-node-docker-project-backend:latest done
#14 unpacking to docker.io/library/flask-node-docker-project-backend:latest
#14 DONE 0.4s

#22 [frontend] resolving provenance for metadata file
#22 DONE 0.0s

#23 [backend] resolving provenance for metadata file
#23 DONE 0.0s
[+] up 5/5
✓Image flask-node-docker-project-backend Built 3.7s
✓Image flask-node-docker-project-frontend Built 3.7s
✓Network flask-node-docker-project_default Created 0.1s
✓Container flask-node-docker-project-backend-1 Created 0.1s
✓Container flask-node-docker-project-frontend-1 Created 0.1s
Attaching to backend-1, frontend-1
backend-1 | * Serving Flask app 'app'
backend-1 | * Debug mode: off
backend-1 | WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
backend-1 | * Running on all addresses (0.0.0.0)
backend-1 | * Running on http://127.0.0.1:5000
backend-1 | * Running on http://172.18.0.2:5000
backend-1 | Press CTRL+C to quit
frontend-1 | Frontend running on port 3000

View in Docker Desktop View Config Enable Watch Detach
```