🐳 Start Docker and Nginx

This guide walks you through launching the CSC640 project using Docker Compose, which starts both PHP and Nginx containers.

📁 Project Setup

Make sure your project folder includes:

```
CSC640-Project/
├── compose.yaml
├── Dockerfile.php
├── Dockerfile.nginx
├── .dockerignore
├── php/
├── nginx/
├── sql/
```

🚀 Start the Project with Docker

Make sure Docker Desktop is running, then open a terminal in your project folder and run:

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

✅ Verify Nginx Is Running

After starting Docker, check if Nginx is active by running:

```
docker ps
```

If a container has a name similar to:

```
csc640-nginx
```

And a status of:

```
Up (time up)
```

Then, you have verified NGINX is running.

✅ Example of Verifying Nginx Is Running

Terminal Screenshot

🌐 Access the App

Once Docker is running, open your browser and go to:

`http://localhost/frontend/index.html`

This loads the frontend served by Nginx, which communicates with the PHP backend.

🌐 Example of Accessing the App

App Screenshot

🛑 **Stopping the Project**

To shut delete the CSC640 Docker containers, open your terminal in the project folder and run:

```
docker compose down -v
```