Docker compose

Directory:
Root/
    API
    DAL
    Service
    Infra
    DockerFile
    DockerCompose.YML
Root/Frontend/
    views
    Middleware
    Dockerfile
root/Database/
    Init.db / migration image
    Dockerfile

Making of the api container

1. get the dockerfile
2. Name the image
3. determine the port (8080)
4. determine the network
5. determine the enviroment development/ production
6. make dependency's (Database)

Succes?

Making of the front end container

1. get the dockerfile
2. Name the image
3. determine the port (3030)
4. determine the network
5. determine session volumes
6. make dependency's (API)

Succes? — Yes

Making of the database container

1. get the dockerfile
2. Name the image
3. determine envirment and pasword/name
4. determine the port (3306)
5. determine the network
6. show volume location

Succes? — Yes

Creation of the network itself

1. name the network
2. determine the driver (bridge)

Succes? — Yes

Volumes

1. create/ make sure mysql_data from earlier exists/

Succes? — Yes

Result

🔍 Search   ▥   ⬤ Only show running containers

			Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions		
☐	⌄	⬤	socialrecipesapi	-	-	-	0.24%	54 minutes ago	▪	⋮	🗑
☐		⬤	socialrecipesfrontend-c	85e6f3e742df ⧉	socialrecipesapi-frontend	3000:3000 ↗	0%	54 minutes ago	▪	⋮	🗑
☐		⬤	socialrecipes-api-contai	e199e004a062	socialrecipesapi-api	8080:8080 ↗	0.01%	54 minutes ago	▪	⋮	🗑
☐		⬤	socialrecipes-mysql-db	06a9215cd61f	mysql:8.0	3306:3306 ↗	0.23%	54 minutes ago	▪	⋮	🗑