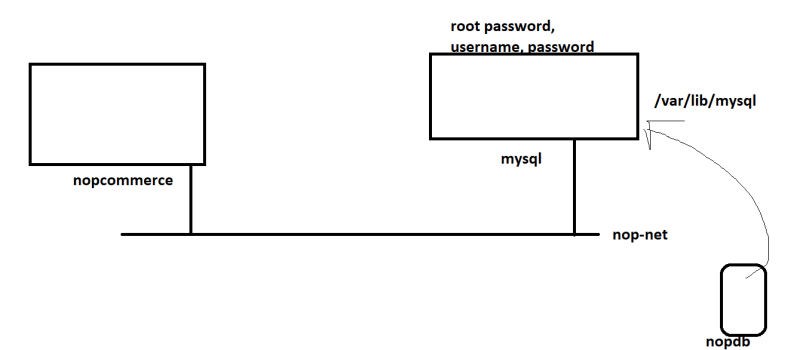
**Activity Containerize nop commerce**  


* Run these using commands
* create a docker compose file
* lets create nop-net bridge network

docker network create --driver bridge nop-net

* Lets create a nop-db volume

docker volume create nop-db

* Lets start by creating mysql container

docker container run --name mysql --network nop-net -d \

-e MYSQL\_ROOT\_PASSWORD=rootroot \

-e MYSQL\_USER=nop \

-e MYSQL\_PASSWORD=rootroot \

-v nop-db:/var/lib/mysql \

mysql:8

* Now build the nop image using Dockerfile

FROM mcr.microsoft.com/dotnet/sdk:7.0

LABEL author="khaja" organization="qt" project="learning"

ARG user=nopcommerce

ARG group=nopcommerce

ARG uid=1000

ARG gid=1000

ARG DOWNLOAD\_URL=https://github.com/nopSolutions/nopCommerce/releases/download/release-4.60.2/nopCommerce\_4.60.2\_NoSource\_linux\_x64.zip

ARG HOME\_DIR=/nop

RUN apt update && apt install unzip -y

# Create user nopcommerce

RUN groupadd -g ${gid} ${group} \

&& useradd -d "$HOME\_DIR" -u ${uid} -g ${gid} -m -s /bin/bash ${user}

USER ${user}

WORKDIR ${HOME\_DIR}

ADD --chown=${user}:${group} ${DOWNLOAD\_URL} ${HOME\_DIR}/nopCommerce\_4.60.2\_NoSource\_linux\_x64.zip

RUN unzip ${HOME\_DIR}/nopCommerce\_4.60.2\_NoSource\_linux\_x64.zip && \

mkdir ${HOME\_DIR}/bin && mkdir ${HOME\_DIR}/logs

EXPOSE 5000

ENV ASPNETCORE\_URLS="http://0.0.0.0:5000"

CMD [ "dotnet", "Nop.Web.dll"]

* Now run the nop container

docker container run --name nop --network nop-net \

-P -d nop:4.60.2

* In the install page, pass connection string

server=mysql;uid=root;pwd=rootroot;database=nop

* Doing the same as above using compose file <https://github.com/asquarezone/DockerZone/commit/4b4427993cb3088e394f85a59acb2a52bc06c4c9> for the changes