- Try to Create a Docker Image and push it to the docker hub
    - nocommerce (https://docs.nopcommerce.com/en/installation-and-upgrading/installing-nopcommerce/installing-on-linux.html)
- NopCommerce works with mysql
- NopCommerce Dockerfile

```
FROM mcr.microsoft.com/dotnet/aspnet:3.1
EXPOSE 80
ENV ASPNETCORE_ENVIRONMENT="Production"
ENV DOTNET_PRINT_TELEMETRY_MESSAGE=false
ADD ./nop/ /nop
WORKDIR /nop
exec ["dotnet", "Nop.Web.dll"]
```

- Create a k8s pod with
    - nopcommerce
    - mysql
- Below YAML for the change set containing pod spec for nop commerce
- run this pod spec in your Kubernetes cluster and try to define the resources and limits
- Try to create resources and limits for the burstable QoS
    - our observation was cpu utilization for 2 VCPU was 0.35 % and memory was 350 MB

```yaml
---
apiVersion: v1
kind: Pod
metadata:
  name: nopCommerce
spec:
  containers:
    - image: shaikkhajaibrahim/nopcommerce:4.4.3
      ports:
        - protocol: TCP
          containerPort: 80
```