

Project Development Phase

Delivery of Sprint 4 - Deployment

DATE	18 November 2022
TEAM ID	PNT2022TMID05414
PROJECT NAME	Inventory Management System for Retailers

Push Image to Dockerhub:

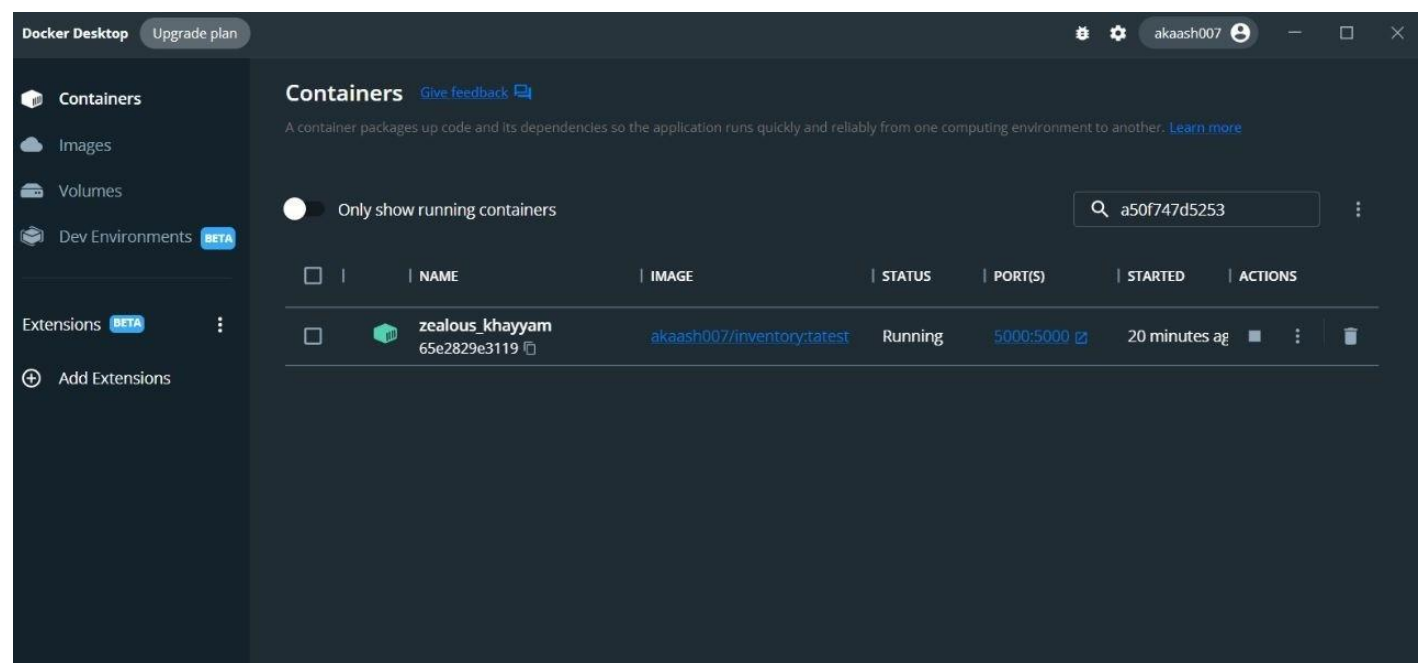
```
PowerShell
Loading personal and system profiles took 534ms.
→ flaskapp git:(main) code .
→ flaskapp git:(main) docker login
Authenticating with existing credentials...
Login Succeeded

Logging in with your password grants your terminal complete access to your account.
For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/access-tokens/
→ flaskapp git:(main) docker tag inventory akaash007/inventory:tatest
→ flaskapp git:(main) docker push akaash007/inventory:tatest
The push refers to repository [docker.io/akaash007/inventory]
40ded361844d: Pushed
4cc577098a3b: Pushed
ffe20d996398: Pushed
371c3d5ecf92: Pushed
bfc1deb8136e: Pushed
1f123186824c: Pushed
3d6eb1152931: Pushed
100796cdf3b1: Pushed
54acb5a6fa0b: Pushed
8d51c618126f: Pushed
9ff6e4d46744: Pushed
a89d1d47b5a1: Pushed
655ed1b7a428: Pushed
tatest: digest: sha256:3a1161b5252df6a4f1f0f41d8623a6ada2bb665900b0c6465102869726c99e31 size: 3053
→ flaskapp git:(main) |
```

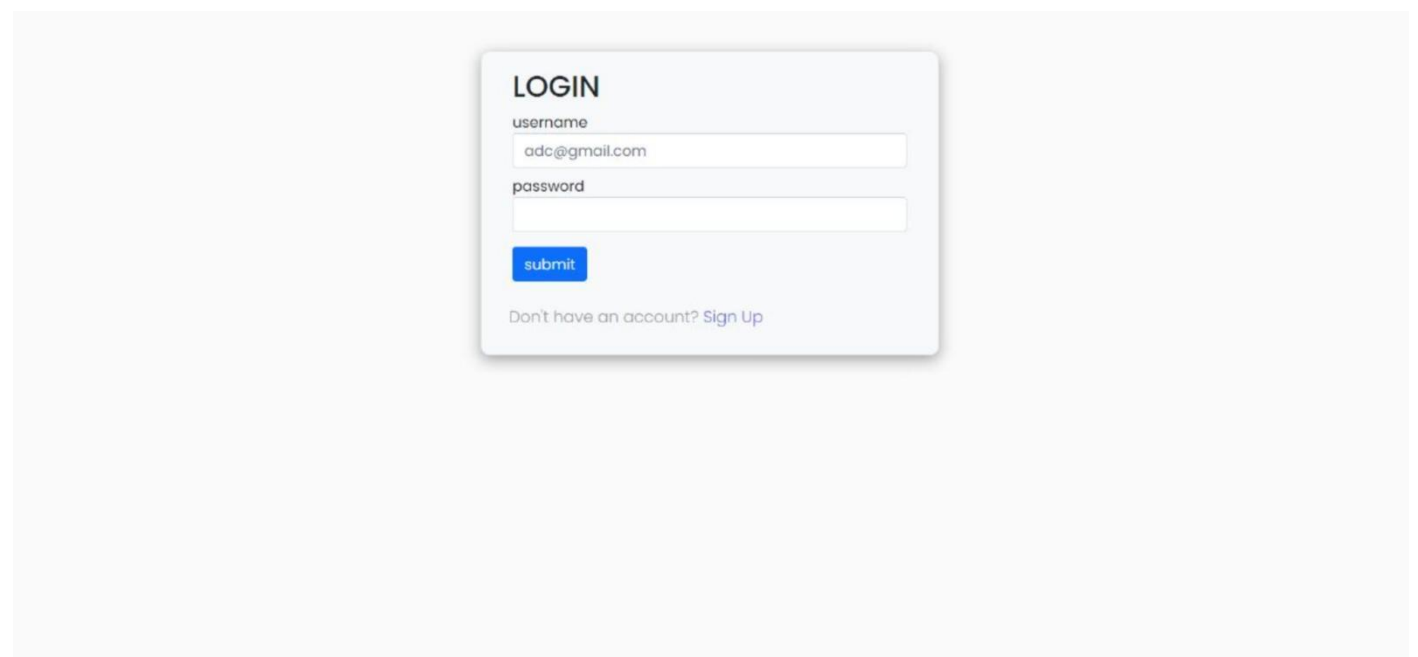
Docker Image for Flask App:

Docker Desktop		Upgrade plan		akaash007					
Containers		Images		Volumes		Dev Environments		Extensions	
Images on disk		Last refresh: 40 minutes ago		3.46 GB total size		1.39 GB / 3.46 GB in use			
Images		Give feedback							
An image is a read-only template with instructions for creating a Docker container. Learn more									
LOCAL		REMOTE REPOSITORIES							
Search									
NAME		TAG		STATUS		CREATED		SIZE	
akaash007/inventory		tatest		In use		22 minutes ago		1.1 GB	
inventory		latest		In use		22 minutes ago		1.1 GB	
flaskapp-for-kuber		latest		Unused		9 days ago		904.54 MB	
flaskapp		latest		Unused		10 days ago		932.41 MB	
icr.io/ibmtraining/flaskapp-for-kube		latest		Unused		10 days ago		932.41 MB	
icr.io/ibmtraining/flaskapp		latest		Unused		10 days ago		932.41 MB	

Running the Docker Image in a Container:



Deployed App:



Uploaded the image on the IBM container registry

```
PowerShell
371c3d5ecf92: Preparing
bfc1deb8136e: Preparing
1f123186824c: Waiting
3d6eb1152931: Waiting
100796cdf3b1: Waiting
54acb5a6fa0b: Waiting
8d51c618126f: Waiting
9ff6e4d46744: Waiting
a89d1d47b5a1: Waiting
655ed1b7a428: Waiting
unauthorized: The login credentials are not valid, or your IBM Cloud account is not active.
→ ~ git:(main) x docker tag inventory jp.icr.io/inventory01/my_repo
→ ~ git:(main) docker push  jp.icr.io/inventory01/my_repo
Using default tag: latest
The push refers to repository [jp.icr.io/inventory01/my_repo]
40ded361844d: Pushed
4cc577098a3b: Pushed
ffe20d996398: Pushed
371c3d5ecf92: Pushed
bfc1deb8136e: Pushed
1f123186824c: Pushed
3d6eb1152931: Pushed
100796cdf3b1: Pushed
54acb5a6fa0b: Pushed
8d51c618126f: Pushed
9ff6e4d46744: Pushed
a89d1d47b5a1: Pushed
655ed1b7a428: Pushed
latest: digest: sha256:3a1161b5252df6a4f1f0f41d8623a6ada2bb665900b0c6465102869726c99e31 size: 3053
→ ~ git:(main) |
```

IBM Cloud

Container Registry

Quick start

Namespaces 2

Repositories 1

Images 1

Trash 0

Settings

Search resources and products...

Catalog Manage Akaash V's Account

Images

Location Tokyo

View by: Digest Search

Repository@digest	Tags	Manifest type	Created	Size
<input type="checkbox"/> inventory01/my_repo@sha256:3a1161b5252d...	latest	Docker	1 day ago	443 MB

Items per page: 25 1-1 of 1 item