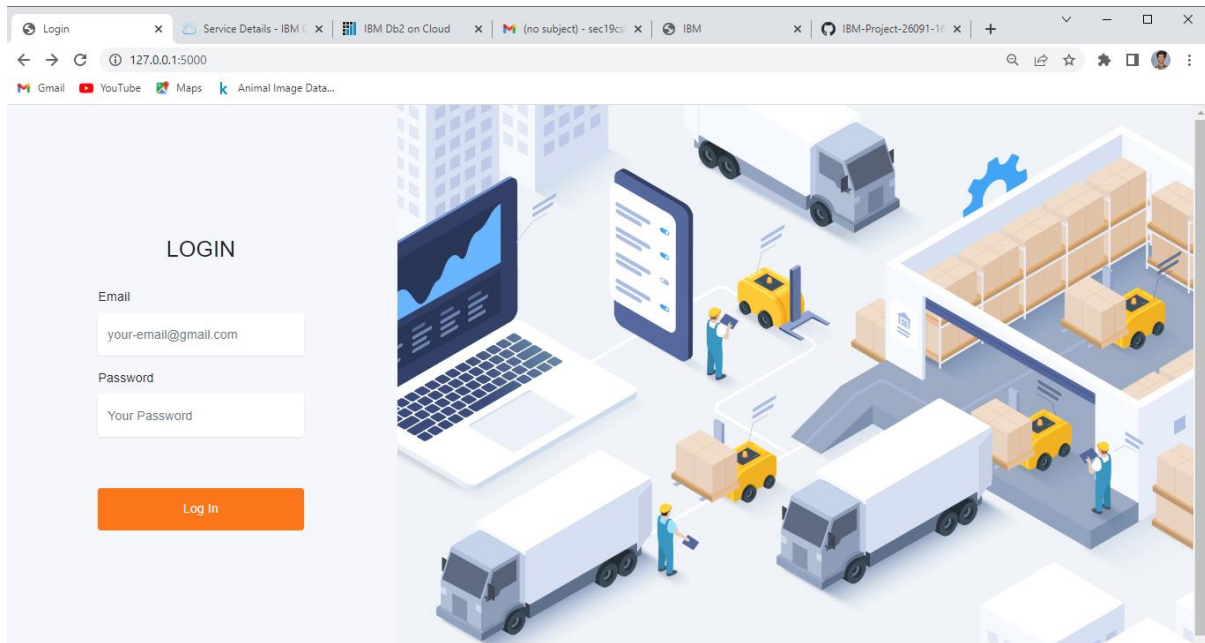


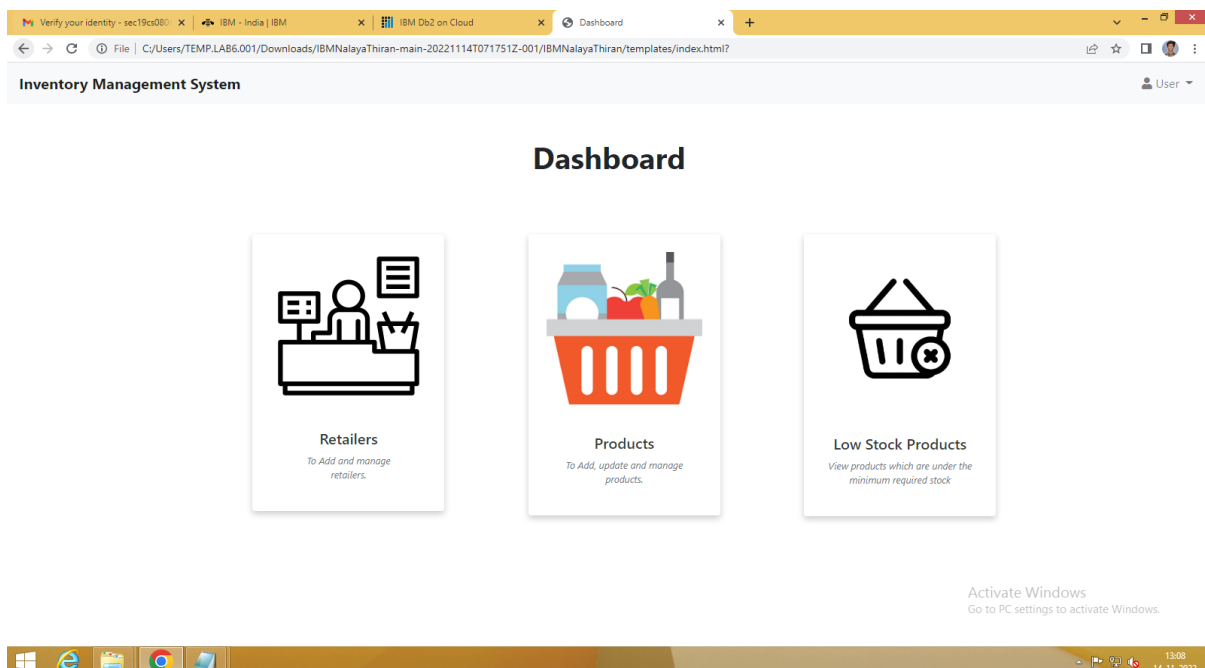
# Final Deliverables

**Project ID:-PNT2022TMID03839**

Sign in page



Dashboard



# Retailers Page

Inventory Management System

Home User

## Retailers

Add Product

Sr.No	Name	Username	Password
1	Mark	Otto	mdo
2	Jacob	Thornton	fat
3	Larry the Bird	twitter	sdv
4	Mark	Otto	mdo
5	Jacob	Thornton	fat
6	Larry the Bird	twitter	sdv
7	Mark	Otto	mdo
8	Jacob	Thornton	fat
9	Larry the Bird	twitter	sdv

Activate Windows  
Go to PC settings to activate Windows.

13:09  
14-11-2022

# Adding Retailers

Inventory Management System

Home User

## Retailers

Add Retailers

Sr.No	Name	Phone Number
1	Mohith	981873751
2	Mark	981873751
3	karthi	981873751
4	Annamalai	9772896758
5	Aathi	8728465621
6	charan	981873751
7	venky	981873751
8	ashwin	981873751
9	sundar	981873751

First Name  
raja

Last Name  
P

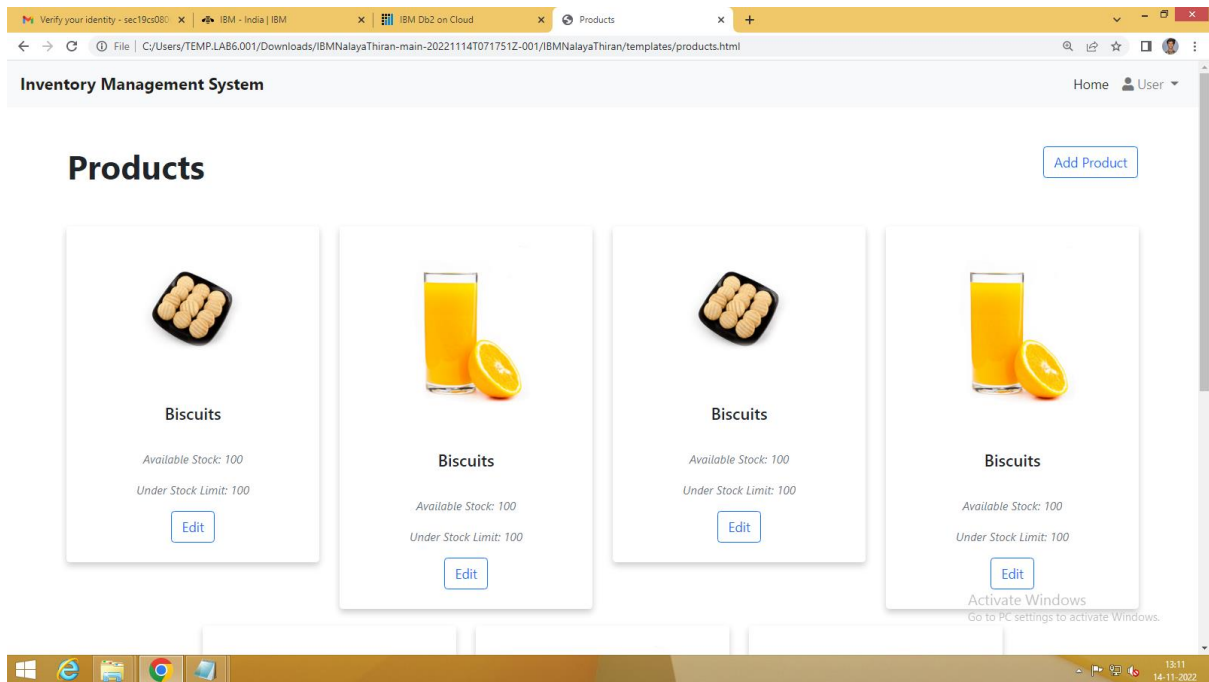
Email  
raja@gmail.com

Phone number  
981873751

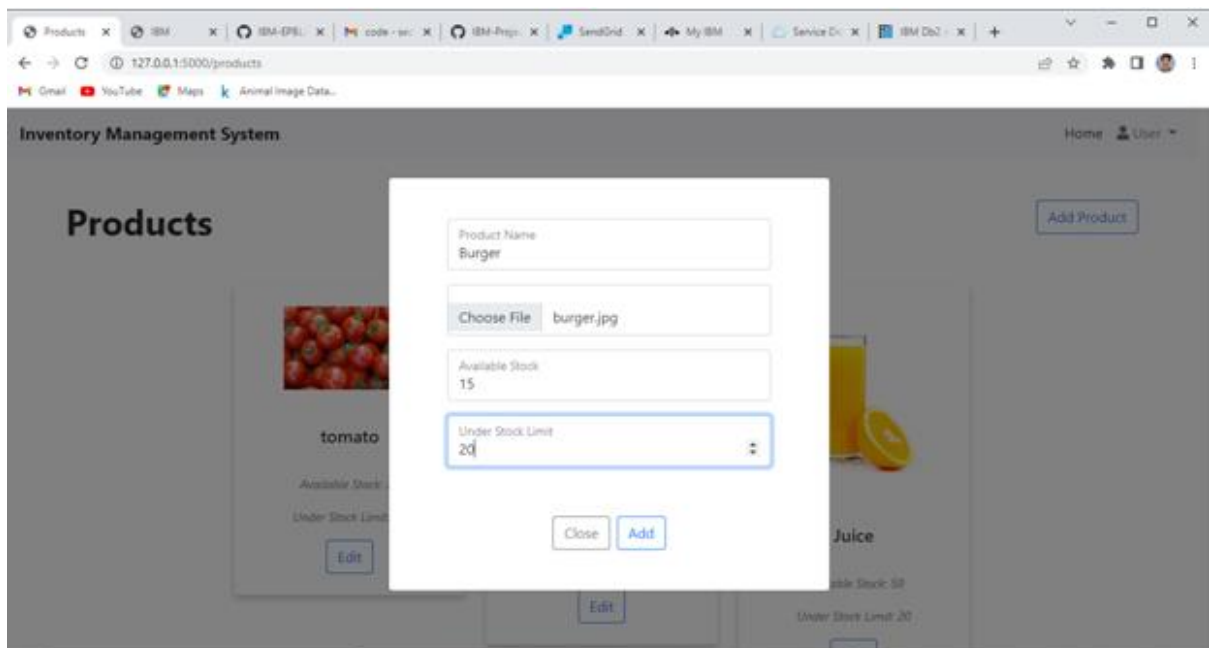
Password  
\*\*\*\*

Close Add

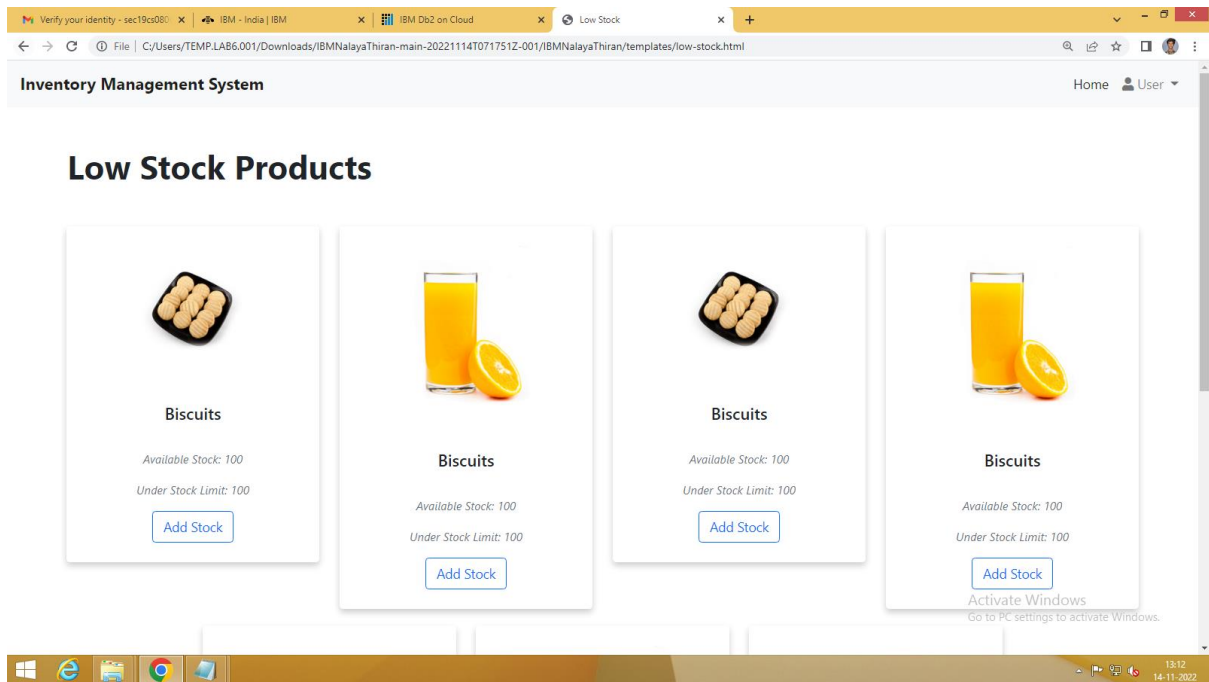
# Product Page



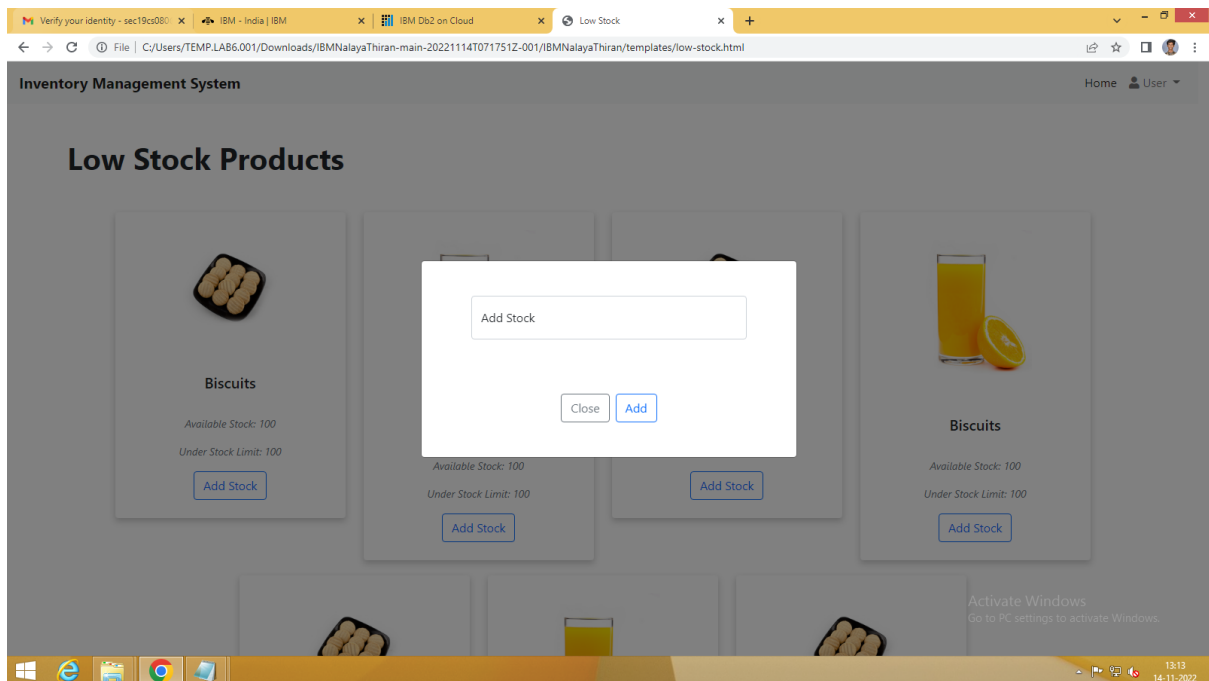
# Adding Product



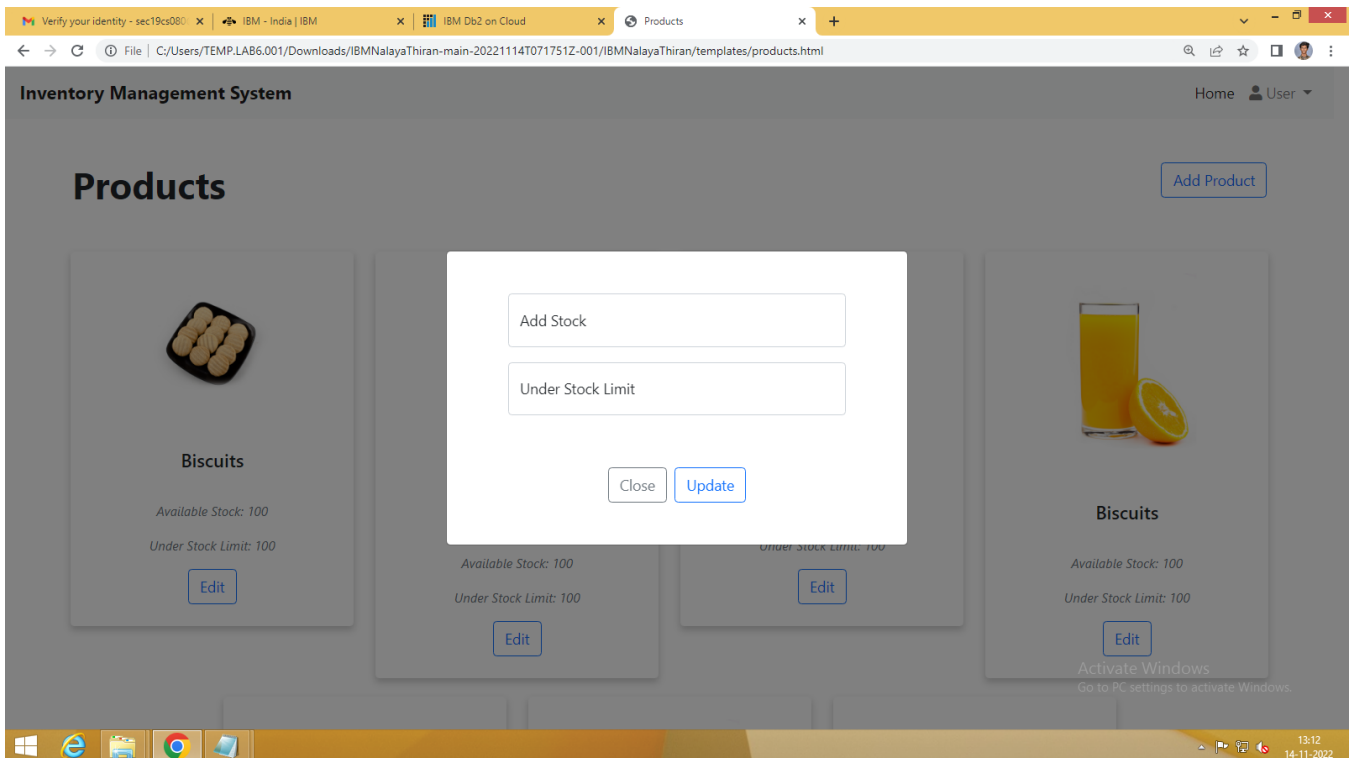
# Low Stock Page



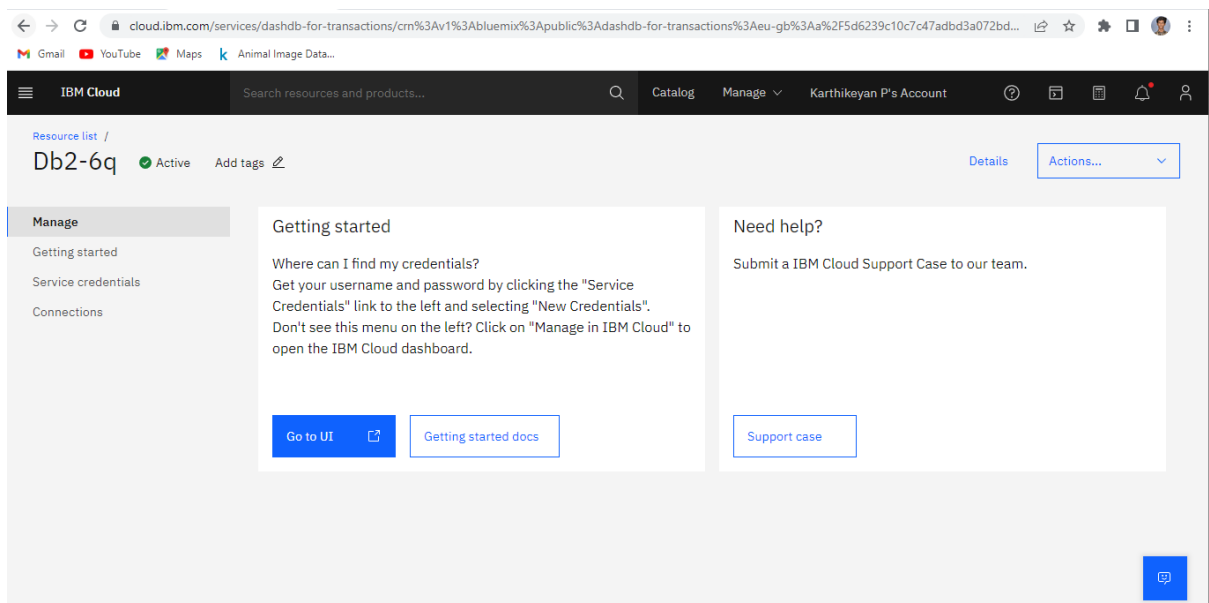
# Update Stock Page



## Edit Product Page



## DB2



# Database

bs2ipcul0apon0jufi80lite.db2.cloud.ibm.com/crm%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2F5d6239c10c7c47adbd3a072bddbe0...

Gmail

YouTube

Maps

Animal Image Data...

IBM Db2 on Cloud

Load Data

Load History

Tables

Views

Indexes

Aliases

MQTs

Sequences

Application objects

Find schemas or tables

Refresh

Tables

New table

Name

Schema

Properties

REGISTER

JPY41264

...

Total: 1, selected: 0

Table definition

REGISTER

Approximate 3 rows (32.0 KB)  
Updated on 2022-11-14 09:45:45

Name

Data type

Nullable

Length

Scale

USERNAME

VARCHAR

Y

255

0

FIRSTNAME

VARCHAR

Y

255

0

LASTNAME

VARCHAR

Y

255

0

PNO

VARCHAR

Y

255

0

View data

# Retailers Table

bs2ipcul0apon0jufi80lite.db2.cloud.ibm.com/crm%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2F5d6239c10c7c47adbd3a072bddbe0...

Gmail

YouTube

Maps

Animal Image Data...

IBM Db2 on Cloud

Load Data

Load History

Tables

Views

Indexes

Aliases

MQTs

Sequences

Application objects

JPY41264.REGISTER

Back

Export to CSV

FIRSTNAME

LASTNAME

PNO

EMAIL

PW

Karthi

P

123456789

karthi@gmail.com

karthi123

Raja

S

123456789

ksjachf@gmail.com

abcd123

Roopak

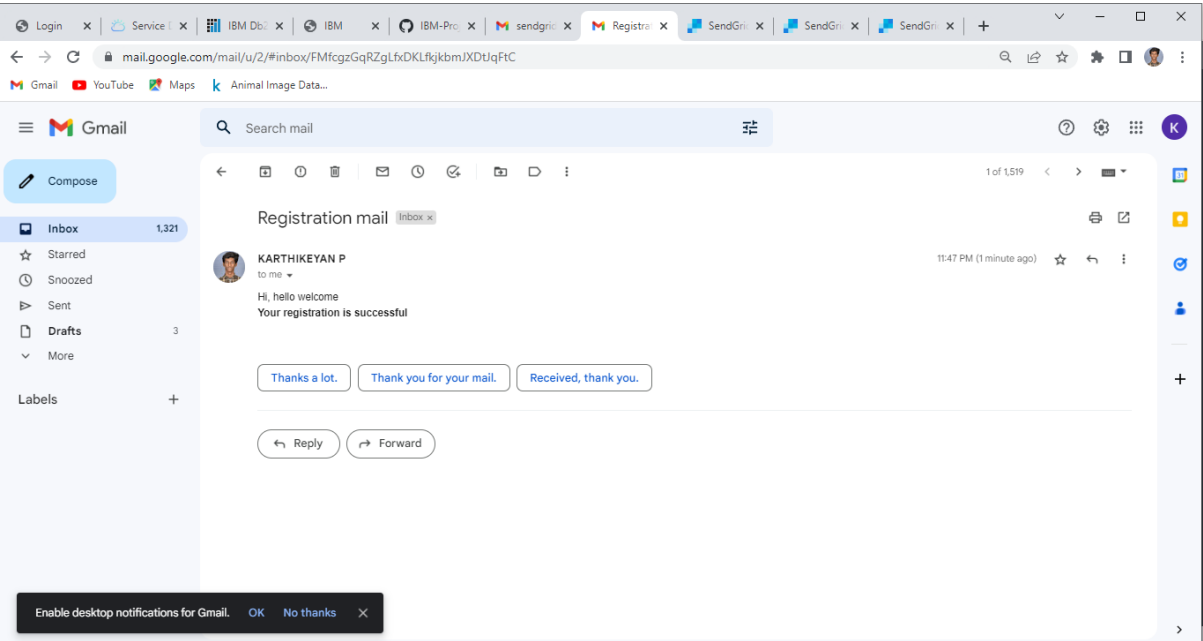
S

123456789

roopak@gmail.com

roopak

# Email



# Product Table

IBM Db2 on Cloud				
	Load Data	Load History	Tables	Views
			Indexes	Aliases
				MQTs
				Sequences
				Application objects
	JPY41264.PRODUCT			Back
				Export to CSV
	PNAME	PIC_NAME	AVAILABLE_STOCK	UNDER_STOCK
	Biscuits	biscuits.jpeg	100	20
	Burger	burger.jpg	15	20
	Juice	juice.jpeg	50	20
	tomato	tom.jpg	25	10

# Create Image In Docker

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\karth\OneDrive\Desktop\nalaiya thiran\IBM\NalayaThiran>docker build -t flask_ibm .
[+] Building 26.4s (11/11) FINISHED
=> [internal] load .dockerignore 1.1s
=> => transferring context: 28 0.2s
=> [internal] load build definition from Dockerfile 1.3s
=> => transferring Dockerfile: 328 0.1s
=> [internal] load metadata for docker.io/library/python:3.10.6 5.6s
=> [auth] library/python:pull token for registry-1.docker.io 0.0s
=> [1/5] FROM docker.io/library/python:3.10.6@sha256:745e1dfb7e4aac9a8422bd8c62d8bc35a693e8979a248d29677cb03e6aa 0.0s
=> [internal] load build context 1.1s
=> => transferring context: 10.38kB 0.7s
=> CACHED [2/5] WORKDIR /app 0.0s
=> CACHED [3/5] COPY requirements.txt ./ 0.0s
=> CACHED [4/5] RUN pip install -r requirements.txt 0.0s
=> [5/5] COPY . . 15.3s
=> exporting to image 2.0s
=> => exporting layers 1.2s
=> => writing image sha256:8b5cb2206775ae23dc5fdb1f12128e7f5d93a4aa263821aa37c0ea3dc546043d 0.1s
=> => naming to docker.io/library/flask_ibm 0.1s

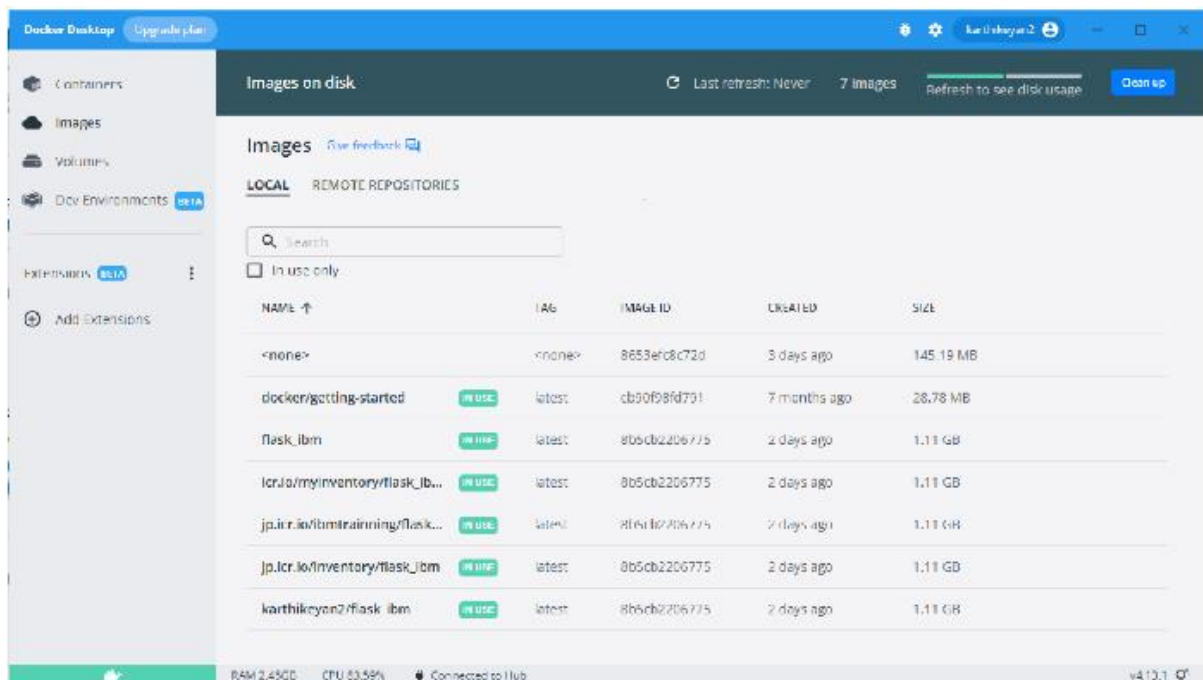
Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\karth\OneDrive\Desktop\nalaiya thiran\IBM\NalayaThiran>docker run -d -p 5000:5000 flask_ibm
9e958ebad6aa73b6b86c42185cb54fd585d6a7072b5c0b9e388ae54b584dc038

C:\Users\karth\OneDrive\Desktop\nalaiya thiran\IBM\NalayaThiran>
```



# Docker Desktop With Docker Image



## Push Image Docker Hub To Container Register

```
Command Prompt

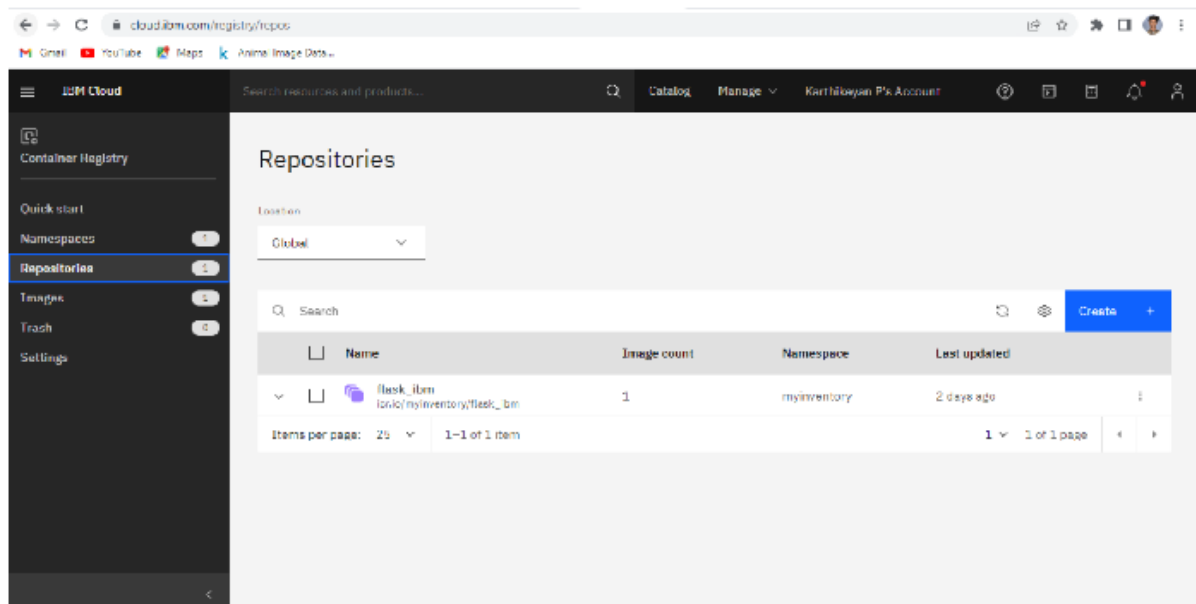
Push an image or a repository to a registry

C:\Users\karth>docker tag flask_ibm icr.io/myinventory/flask_ibm

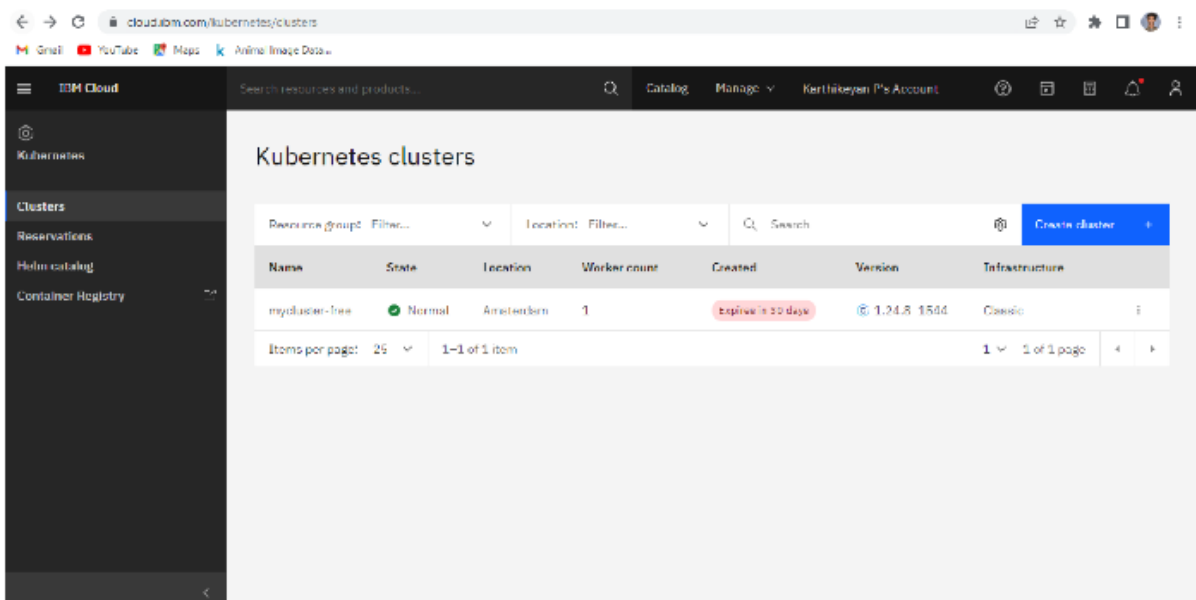
4396017bd14d: Pushing [=====> ] 177.7MB/184.3MB
Using default tag: latest
The push refers to repository [icr.io/myinventory/flask_ibm]
4396017bd14d: Pushed
4396017bd14d: Pushing [=====> ] 177.2MB/184.3MB
49167f17f6af: Pushed
35519269cfe1: Pushed
bfc1deb0136e: Pushed
1f123186824c: Pushed
3d6eb1152931: Pushed
54acb5a6fa0b: Pushed
54acb5a6fa0b: Pushing [=====> ] 373.7MB/528.7MB
0db1c618126f: Pushed
0ff6e4d46744: Pushed
a89d1d4/b5a1: Pushed
latest: digest: sha256:cf17d25ce3a1fc53075de7c5df46e6124a9cab6328cd57d08d8068a6317a2669 size: 3055

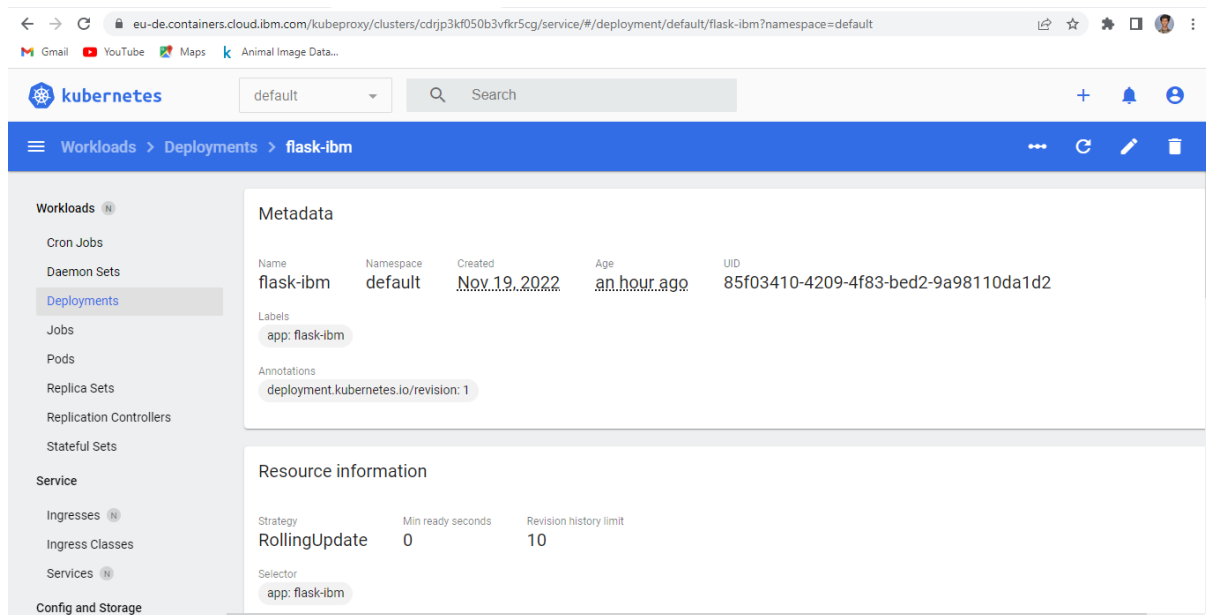
C:\Users\karth>
```

# Docker Image on IBM Container Register



## DEPLOYMENT OF APP





**Project github link:** [IBM-EPBL/IBM-Project-26091-1660012805: Inventory Management System for Retailers \(github.com\)](https://github.com/IBM-EPBL/IBM-Project-26091-1660012805:InventoryManagementSystemforRetailers)

**Project Demo Link :** [https://youtu.be/3a\\_0fUc63CM](https://youtu.be/3a_0fUc63CM)