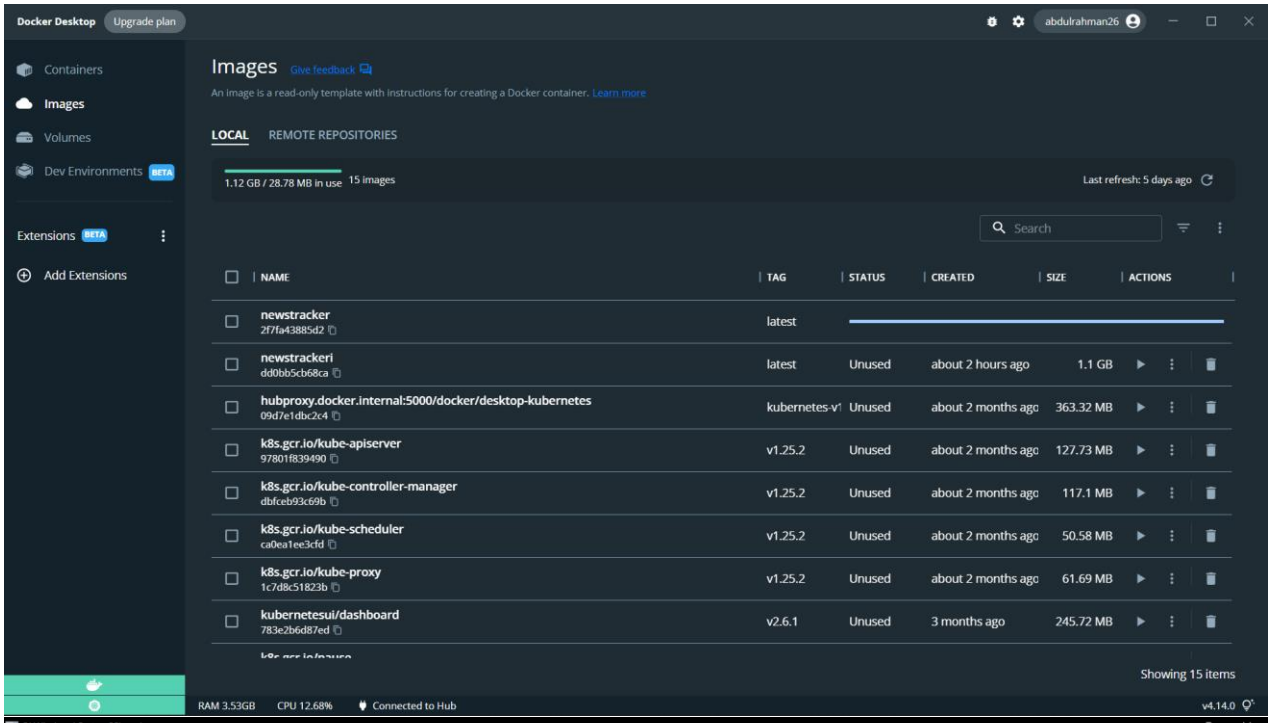
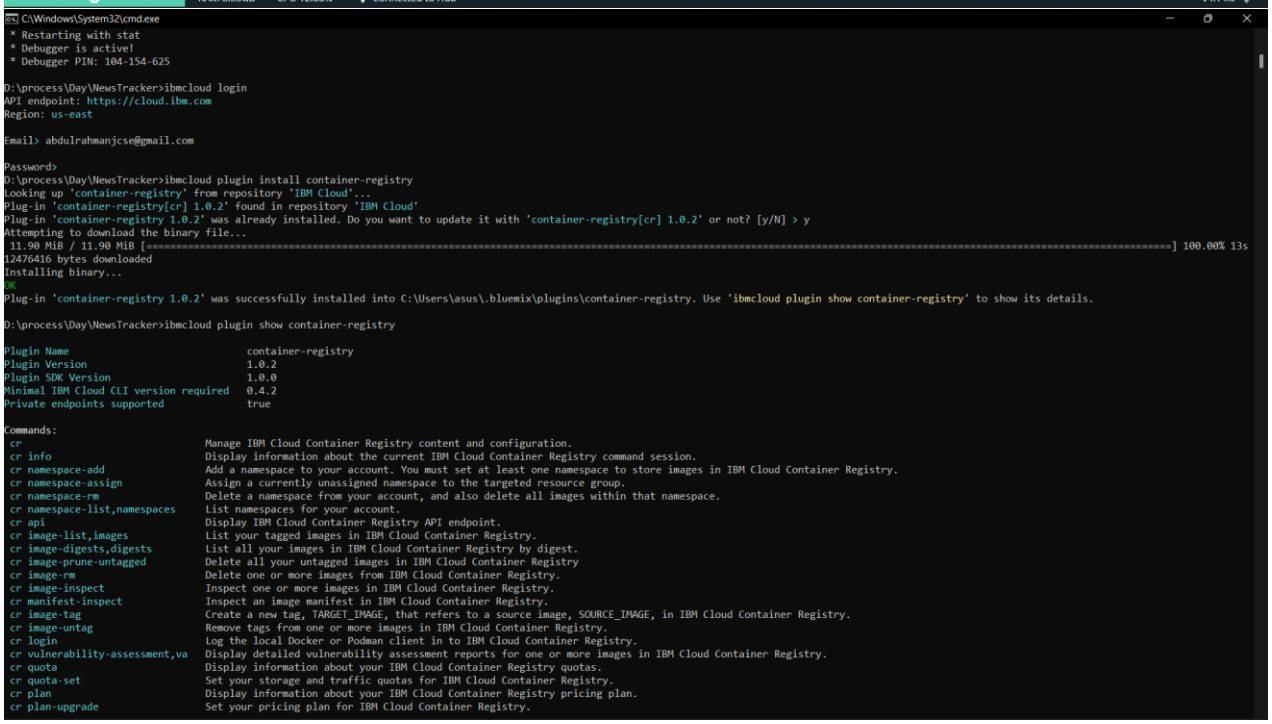
Project Development Phase

Sprint -4

Date	12-11-2022
Team ID	PTN2022TMID41218
Project Name	NEWS TRACKER APPLICATION





```
C:\Windows\System32\cmd.exe
 cr vulnerability-assessment,va   Display detailed vulnerability assessment reports for one or more images in IBM Cloud Container Registry.
 cr quota                         Display information about your IBM Cloud Container Registry quotas.
 cr quota-set                     Set your storage and traffic quotas for IBM Cloud Container Registry.
 cr plan                          Display information about your IBM Cloud Container Registry pricing plan.
 cr plan-upgrade                  Set your pricing plan for IBM Cloud Container Registry.
 cr region                        Display the targeted region.
 cr region-set                    Set a target region for the IBM Cloud Container Registry commands.
 cr exemption-list,exemptions     List your exemptions for security issues.
 cr exemption-add                 Create an exemption for a security issue. You can create an exemption for a security issue that applies to different scopes. The scope can be the account, namespace, repository,
tag, or digest.
 cr exemption-rm                  Delete an exemption for a security issue. To view your existing exemptions, run 'ibmcloud cr exemption-list'.
 cr exemption-types               Lists the types of security issues that you can exempt.
 cr iam-policies-enable           If you are using IAM authentication, this command enables fine-grained authorization.
 cr iam-policies-status           Display whether fine-grained authorization is enabled for your account.
 cr retention-run                 Retains a specified number of images for each repository within a namespace in IBM Cloud Container Registry. All other images in the namespace are deleted.
 cr image-restore                 Restores an image from the trash.
 cr retention-policy-set          Set a policy to retain a specified number of images for each repository within a namespace in IBM Cloud Container Registry. All other images in the namespace are deleted.
 cr retention-policy-list         List the image retention policies for your account.
 cr trash-list                    List images in the trash and see when they expire.
 cr private-only                  Configure private-only mode. If private-only mode is enabled, you can pull or push container images over private network connections only.
 cr platform-metrics              Configure platform metrics enablement.
 cr va-version                    Display the targeted Vulnerability Advisor version.
 cr va-version-set                Set a target Vulnerability Advisor version for the IBM Cloud Container Registry commands.


D:\process\Day\NewsTracker>ibmcloud cr info

Plugin version                   1.0.2
Container Registry               jp.icr.io
Container Registry API endpoint  https://jp.icr.io/api
IBM Cloud API endpoint           https://cloud.ibm.com
IBM Cloud account details         ()

OK

D:\process\Day\NewsTracker>ibmcloud cr region
FAILED
You are not logged in to IBM Cloud.
Log in by running the 'ibmcloud login' command.



D:\process\Day\NewsTracker>ibmcloud login
API endpoint: https://cloud.ibm.com
Region: us-east

Email> abdulrahmanjcse@gmail.com

Password>
Authenticating...
Credentials were rejected.
Code: BXNIM0602E, message: The credentials you entered for the user 'abdulrahmanjcse@gmail.com' are incorrect.
```

```
C:\Windows\System32\cmd.exe
OK

D:\process\Day\NewsTracker>ibmcloud cr region
FAILED
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Log in by running the 'ibmcloud login' command.



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API endpoint: https://cloud.ibm.com
Region: us-east

Email> abdulrahmanjcse@gmail.com

Password>
Authenticating...
Credentials were rejected.
Code: BXNIM0602E, message: The credentials you entered for the user 'abdulrahmanjcse@gmail.com' are incorrect.

Password>
Authenticating...
OK

Targeted account Abdul Rahman J's Account (4d270f63f3ba4814876ebfed6e628599)


API endpoint:      https://cloud.ibm.com
Region:            us-east
User:              abdulrahmanjcse@gmail.com
Account:           Abdul Rahman J's Account (4d270f63f3ba4814876ebfed6e628599)
Resource group:    No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

D:\process\Day\NewsTracker>ibmcloud cr region
You are targeting region 'ap-north', the registry is 'jp.icr.io'.

OK

D:\process\Day\NewsTracker>ibmcloud cr region-set
Choose a region
1. global ('icr.io')
2. ap-north ('jp.icr.io')
3. ap-south ('au.icr.io')
4. br-sao ('br.icr.io')
5. ca-tor ('ca.icr.io')
6. eu-central ('de.icr.io')
7. jp-osa ('jp2.icr.io')
8. uk-south ('uk.icr.io')
9. us-south ('us.icr.io')
```
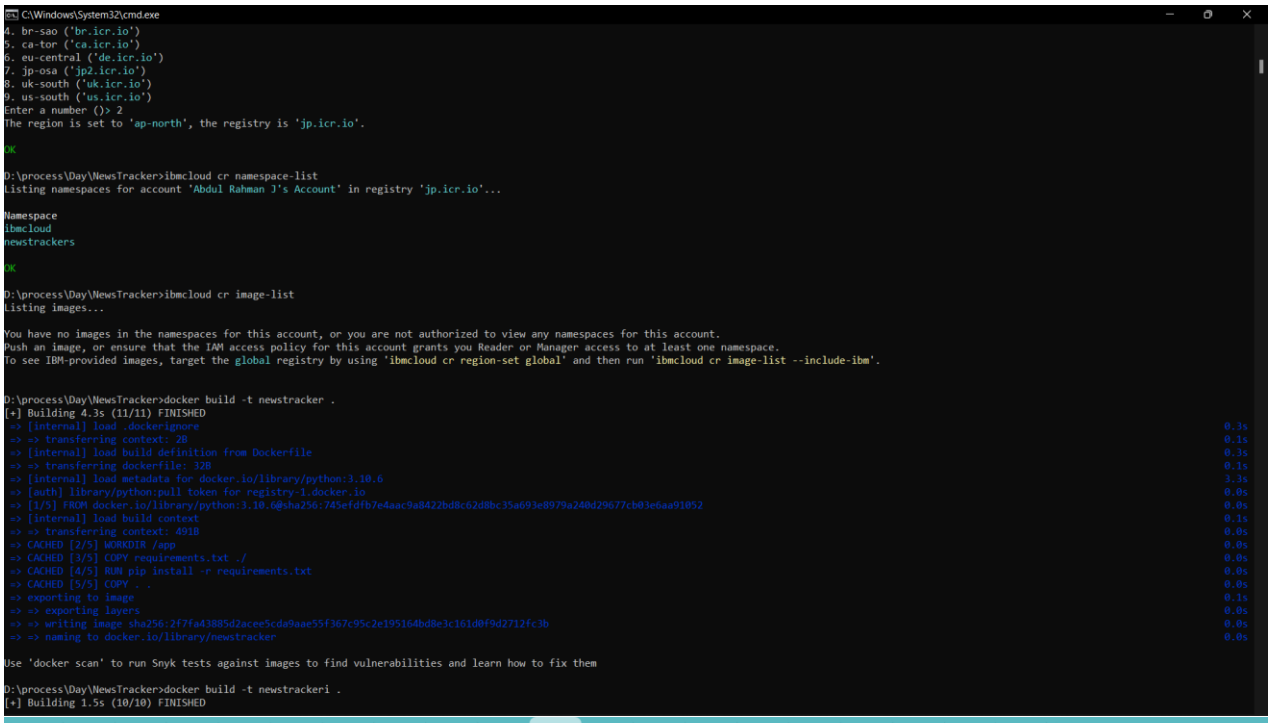
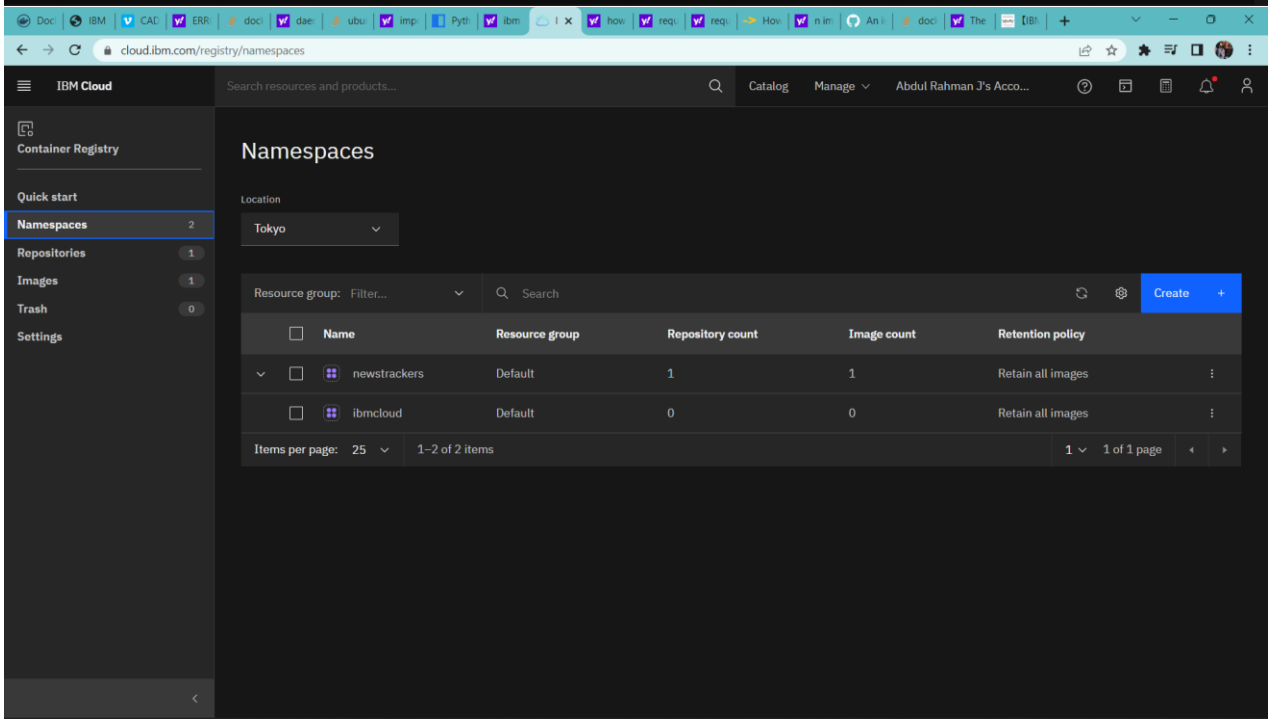
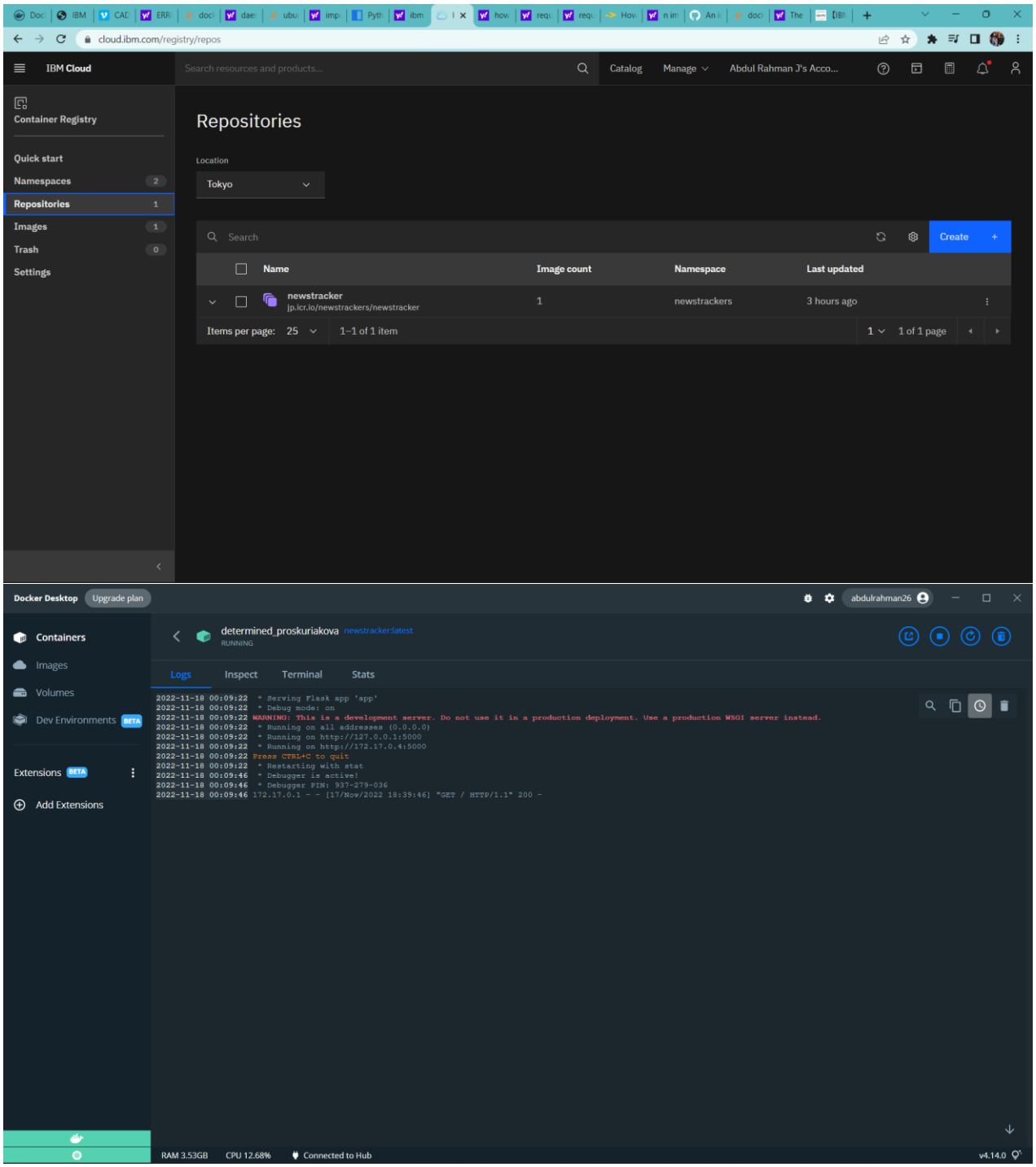


C:\Windows\System32\cmd.exe
4. br-sao ('br.icr.io')
5. ca-tor ('ca.icr.io')
6. eu-central ('de.icr.io')
7. jp-osa ('jp2.icr.io')
8. uk-south ('uk.icr.io')
9. us-south ('us.icr.io')
Enter a number ()> 2
The region is set to 'ap-north', the registry is 'jp.icr.io'.
OK
D:\process\Day\NewsTracker>ibmcloud cr namespace-list
Listing namespaces for account 'Abdul Rahman J's Account' in registry 'jp.icr.io'...
Namespace
ibmcloud
newstrackers
OK
D:\process\Day\NewsTracker>ibmcloud cr image-list
Listing images...
You have no images in the namespaces for this account, or you are not authorized to view any namespaces for this account.
Push an image, or ensure that the IAM access policy for this account grants you Reader or Manager access to at least one namespace.
To see IBM-provided images, target the global registry by using 'ibmcloud cr region-set global' and then run 'ibmcloud cr image-list --include-ibm'.
D:\process\Day\NewsTracker>docker build -t newstracker .
[+] Building 4.3s (11/11) FINISHED
=> [internal] load .dockerignore 0.3s
=> => transferring context: 2B 0.1s
=> [internal] load build definition from Dockerfile 0.3s
=> => transferring dockerfile: 32B 0.1s
=> [internal] load metadata for docker.io/library/python:3.10.6 3.3s
=> [auth] library/python:pull token for registry-1.docker.io 0.0s
=> [1/5] FROM docker.io/library/python:3.10.6@sha256:745efdfb7e4aac9a8422bd8c62d8bc35a693e8979a240d29677cb03e6aa91052 0.0s
=> [internal] load build context 0.1s
=> => transferring context: 491B 0.0s
=> 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
=> CACHED [5/5] COPY . . 0.0s
=> exporting to image 0.1s
=> => exporting layers 0.0s
=> => writing image sha256:2f7fa43885d2acee5cda9aae55f367c95c2e195164bd8e3c161d0f9d2712fc3b 0.0s
=> => naming to docker.io/library/newstracker 0.0s
Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
D:\process\Day\NewsTracker>docker build -t newstrackeri .
[+] Building 1.5s (10/10) FINISHED


cloud.ibm.com/registry/namespaces
IBM Cloud
Search resources and products...
Catalog
Manage
Abdul Rahman J's Acco...
Container Registry
Quick start
Namespaces 2
Repositories 1
Images 1
Trash 0
Settings
Namespaces
Location
Tokyo
Resource group: Filter...
Search
Create +
Name
Resource group
Repository count
Image count
Retention policy
newstrackers
Default
1
1
Retain all images
ibmcloud
Default
0
0
Retain all images
Items per page: 25
1–2 of 2 items
1
1 of 1 page


cloud.ibm.com/registry/repos
IBM Cloud
Search resources and products...
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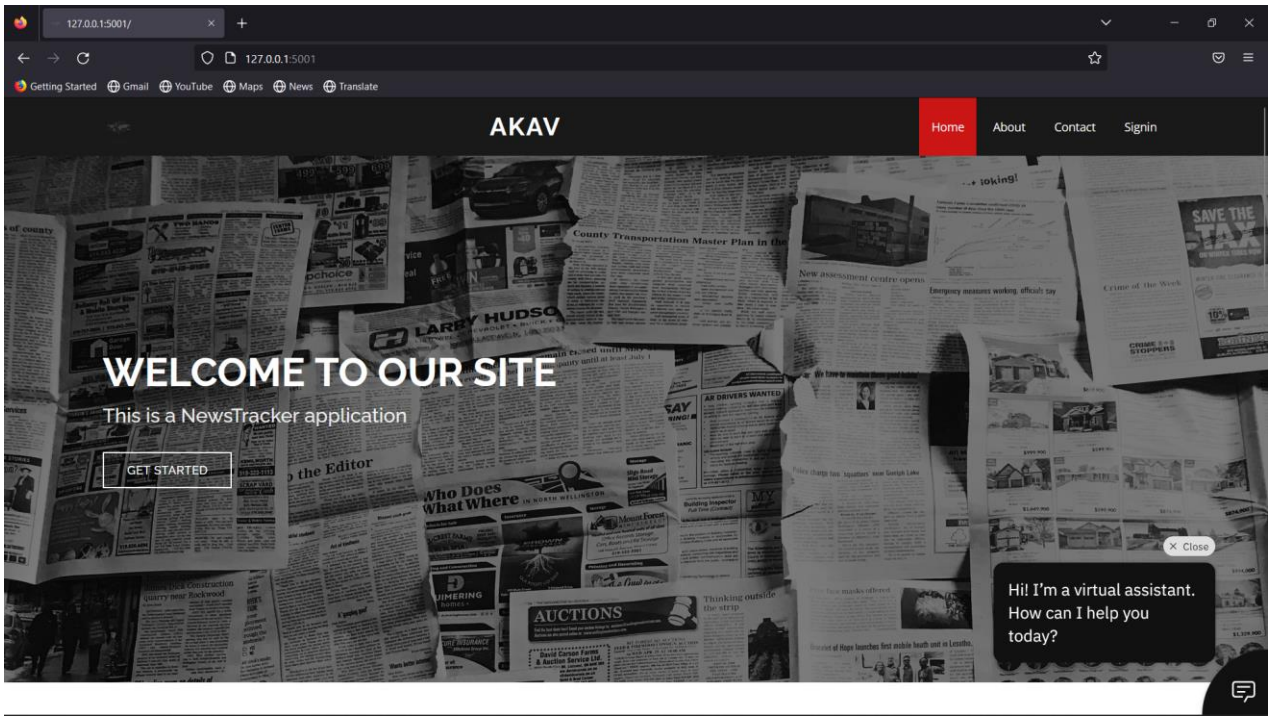
Abdul Rahman J's Acco...
Container Registry
Quick start
Namespaces 2
Repositories 1
Images 1
Trash 0
Settings
Repositories
Location
Tokyo
Search
Create
Name
Image count
Namespace
Last updated
newstracker
jp.icr.io/newstrackers/newstracker
1
newstrackers
3 hours ago
Items per page: 25
1–1 of 1 item
1 of 1 page

Docker Desktop
Upgrade plan
abdulrahman26
Containers
Images
Volumes
Dev Environments BETA
Extensions BETA
Add Extensions
determined_proskuriakova
newstracker:latest
RUNNING
Logs
Inspect
Terminal
Stats
2022-11-18 00:09:22 * Serving Flask app 'app'
2022-11-18 00:09:22 * Debug mode: on
2022-11-18 00:09:22 WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
2022-11-18 00:09:22 * Running on all addresses (0.0.0.0)
2022-11-18 00:09:22 * Running on http://127.0.0.1:5000
2022-11-18 00:09:22 * Running on http://172.17.0.4:5000
2022-11-18 00:09:22 Press CTRL+C to quit
2022-11-18 00:09:22 * Restarting with stat
2022-11-18 00:09:46 * Debugger is active!
2022-11-18 00:09:46 * Debugger PIN: 937-279-036
2022-11-18 00:09:46 172.17.0.1 - - [17/Nov/2022 18:39:46] "GET / HTTP/1.1" 200 -
RAM 3.53GB
CPU 12.68%
Connected to Hub
v4.14.0


127.0.0.1:5001/
127.0.0.1:5001
Getting Started
Gmail
YouTube
Maps
News
Translate
AKAV
Home
About
Contact
Signin
WELCOME TO OUR SITE
This is a NewsTracker application
GET STARTED
Close
Hi! I'm a virtual assistant. How can I help you today?