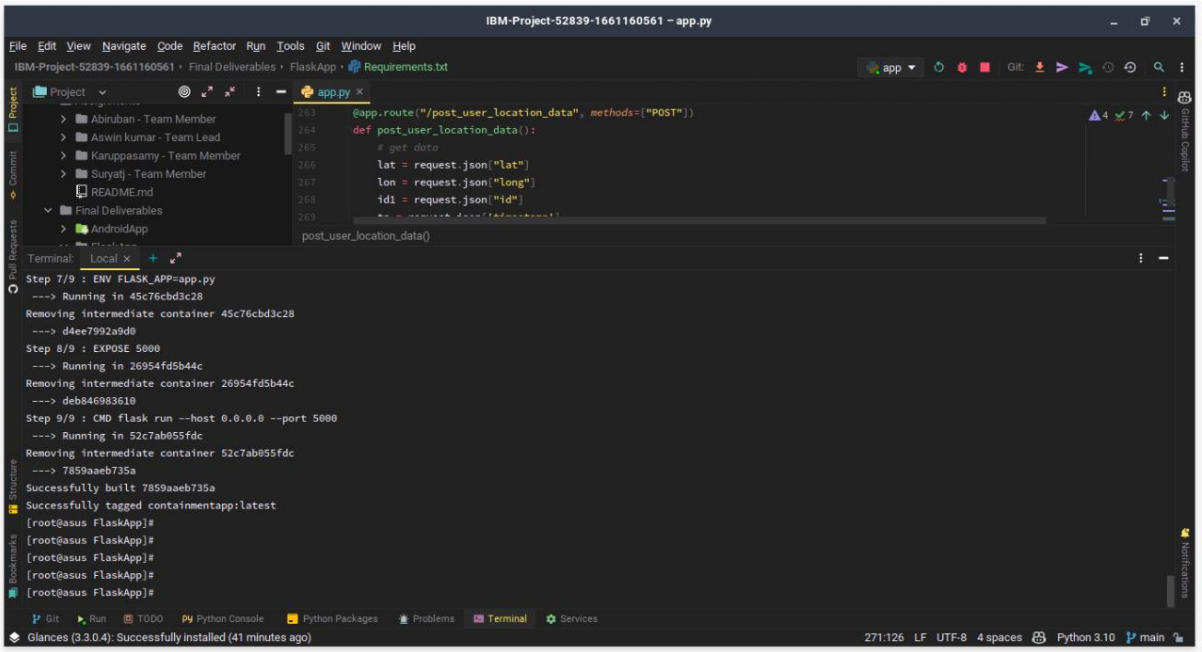
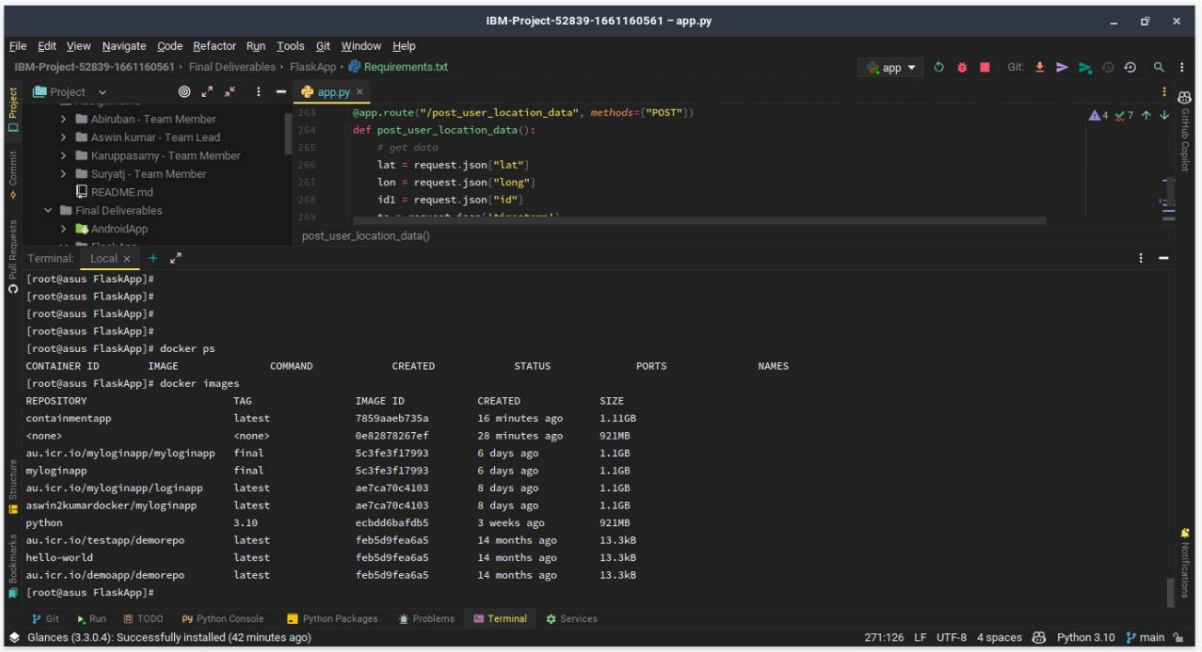
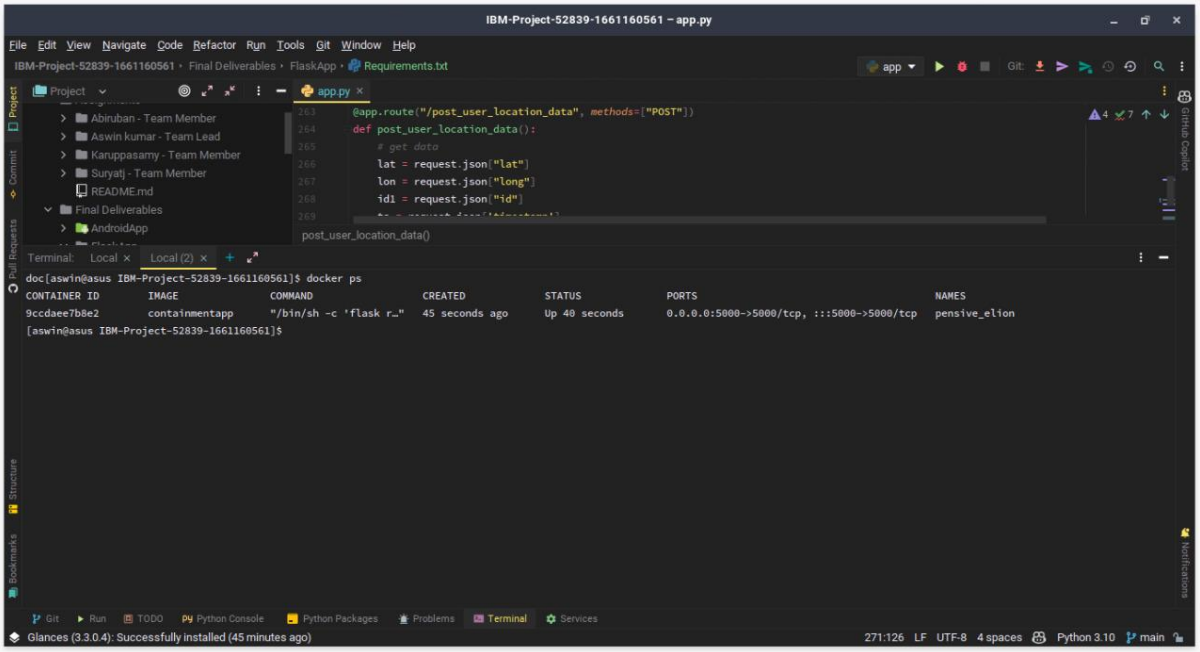
Containerize The App

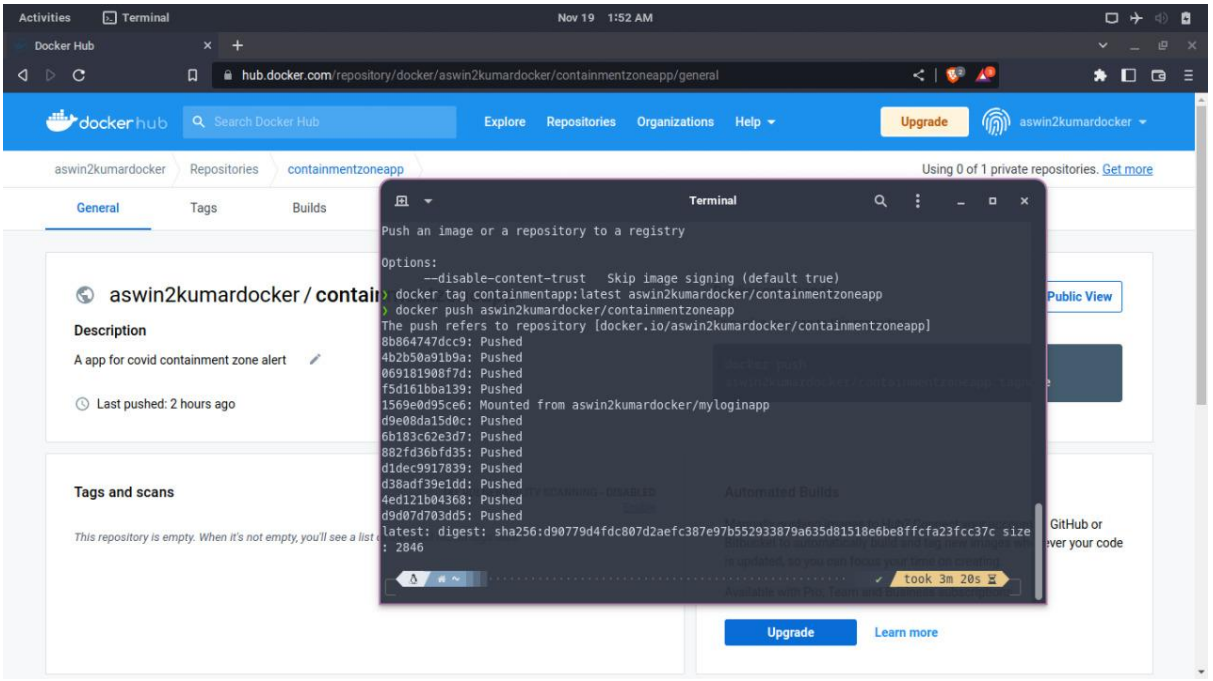
Team ID	PNT2022TMID13325
Project Name	Containment zone alerting application

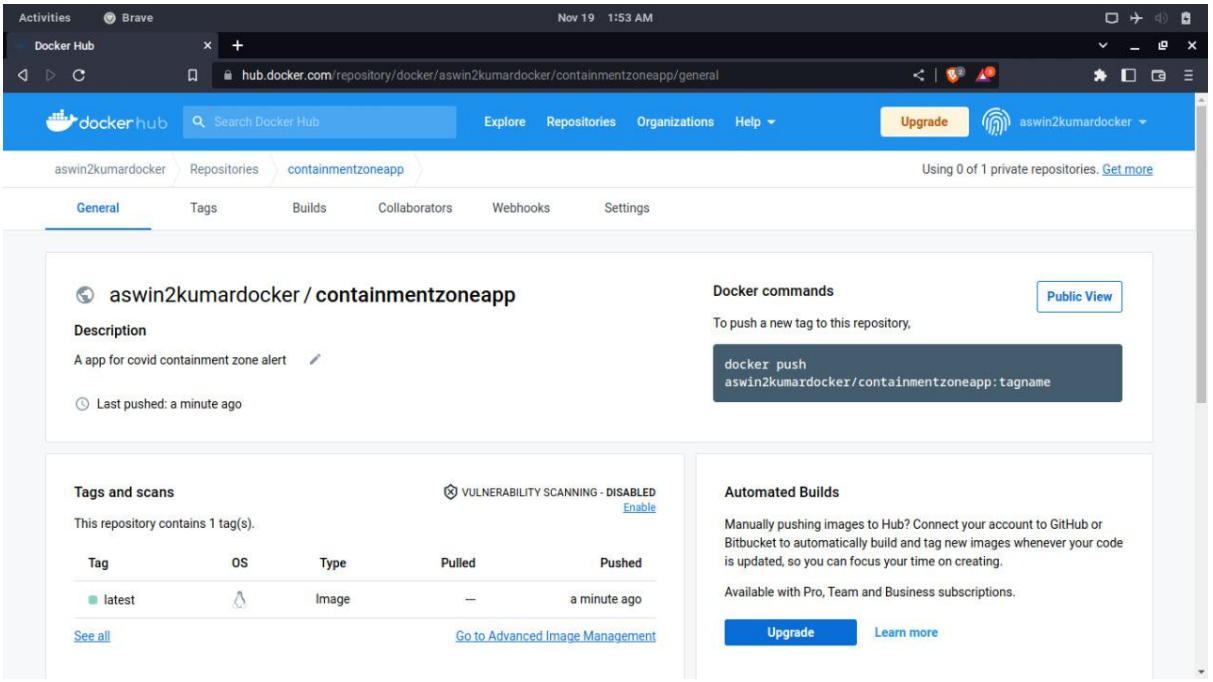
Note: The below figure represent we can successfully Docker Image creation and Creating Docker image for Flask App






IBM-Project-52839-1661160561 – app.py
File Edit View Navigate Code Refactor Run Tools Git Window Help
IBM-Project-52839-1661160561 › Final Deliverables › FlaskApp › Requirements.txt
app.py
@app.route("/post_user_location_data", methods=["POST"])
def post_user_location_data():
# get data
lat = request.json["lat"]
lon = request.json["long"]
id1 = request.json["id"]
post_user_location_data()
Terminal: Local Local (2)
doc[aswin@asus IBM-Project-52839-1661160561]$ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
9ccdaee7b8e2 containmentapp "/bin/sh -c 'flask r…" 45 seconds ago Up 40 seconds 0.0.0.0:5000->5000/tcp, :::5000->5000/tcp pensive_elion
[aswin@asus IBM-Project-52839-1661160561]$
Glances (3.3.0.4): Successfully installed (45 minutes ago)


Activities Terminal Nov 19 1:52 AM
Docker Hub
hub.docker.com/repository/docker/aswin2kumardocker/containmentzoneapp/general
docker hub
Search Docker Hub
Explore Repositories Organizations Help
Upgrade
aswin2kumardocker
aswin2kumardocker Repositories containmentzoneapp
Using 0 of 1 private repositories. Get more
General Tags Builds
aswin2kumardocker / contain
Public View
Description
A app for covid containment zone alert
Last pushed: 2 hours ago
Tags and scans
This repository is empty. When it's not empty, you'll see a list
Terminal
Push an image or a repository to a registry
Options:
--disable-content-trust Skip image signing (default true)
docker tag containmentapp:latest aswin2kumardocker/containmentzoneapp
docker push aswin2kumardocker/containmentzoneapp
The push refers to repository [docker.io/aswin2kumardocker/containmentzoneapp]
8b864747dcc9: Pushed
4b2b50a91b9a: Pushed
069181908f7d: Pushed
f5d161bba139: Pushed
1569e0d95ce6: Mounted from aswin2kumardocker/myloginapp
d9e08da15d0c: Pushed
6b183c62e3d7: Pushed
882fd36bfd35: Pushed
d1dec9917839: Pushed
d38adf39e1dd: Pushed
4ed121b04368: Pushed
d9d07d703dd5: Pushed
latest: digest: sha256:d90779d4fdc807d2aefc387e97b552933879a635d81518e6be8ffcfa23fcc37c size
: 2846
took 3m 20s
GitHub or
ever your code
Upgrade
Learn more


Activities
Brave
Nov 19 1:53 AM
Docker Hub
hub.docker.com/repository/docker/aswin2kumardocker/containmentzoneapp/general
docker hub
Search Docker Hub
Explore
Repositories
Organizations
Help
Upgrade
aswin2kumardocker
aswin2kumardocker
Repositories
containmentzoneapp
Using 0 of 1 private repositories. Get more
General
Tags
Builds
Collaborators
Webhooks
Settings
aswin2kumardocker / containmentzoneapp
Description
A app for covid containment zone alert
Last pushed: a minute ago
Docker commands
Public View
To push a new tag to this repository,
docker push
aswin2kumardocker/containmentzoneapp:tagname
Tags and scans
VULNERABILITY SCANNING - DISABLED
Enable
This repository contains 1 tag(s).
Tag
OS
Type
Pulled
Pushed
latest
Image
—
a minute ago
See all
Go to Advanced Image Management
Automated Builds
Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.
Available with Pro, Team and Business subscriptions.
Upgrade
Learn more