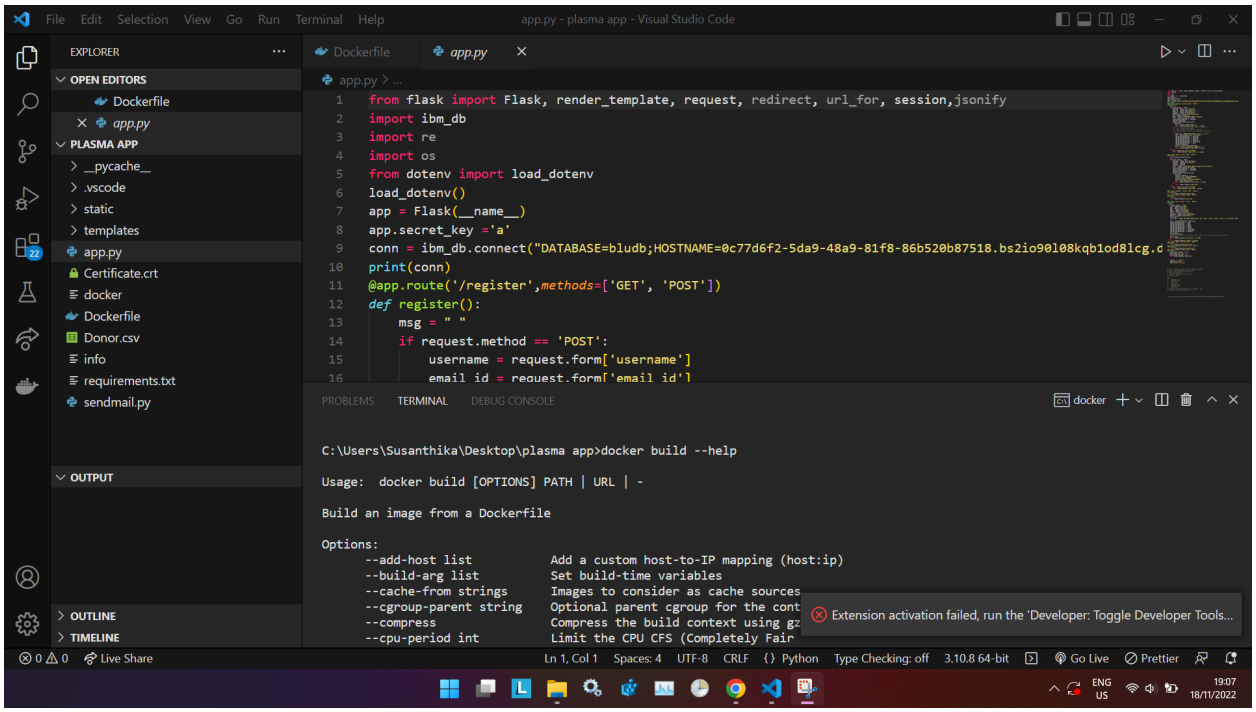
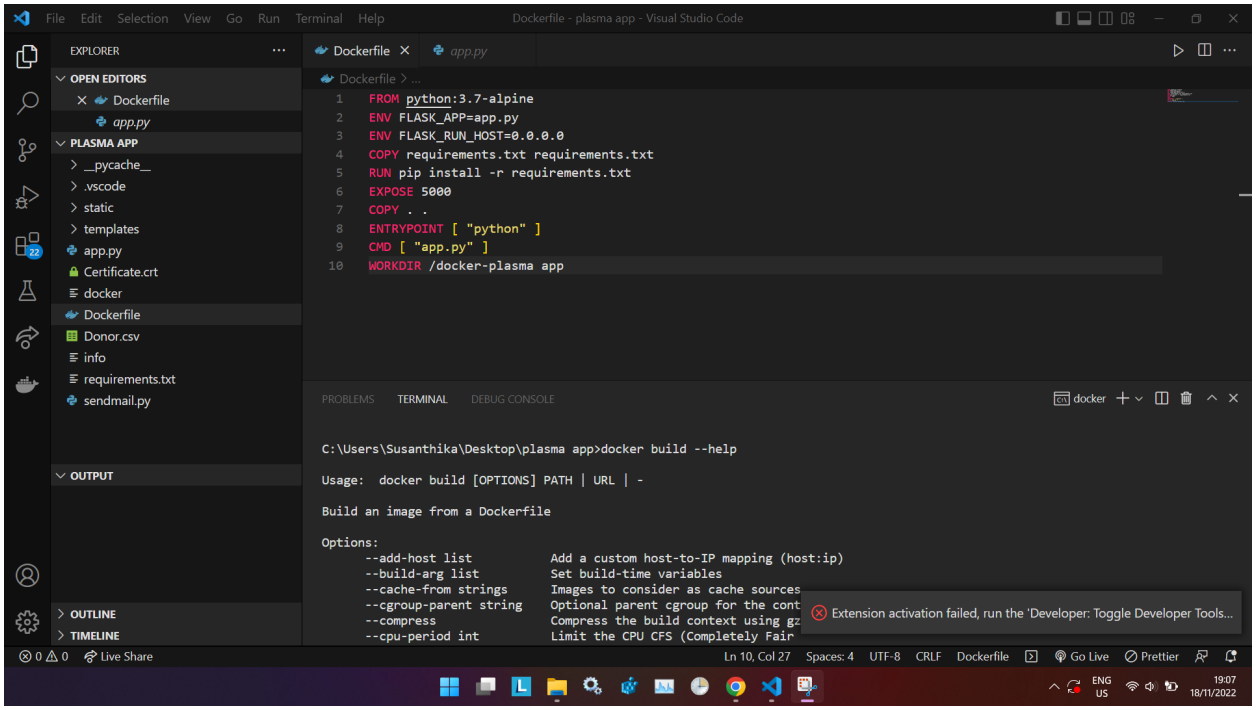
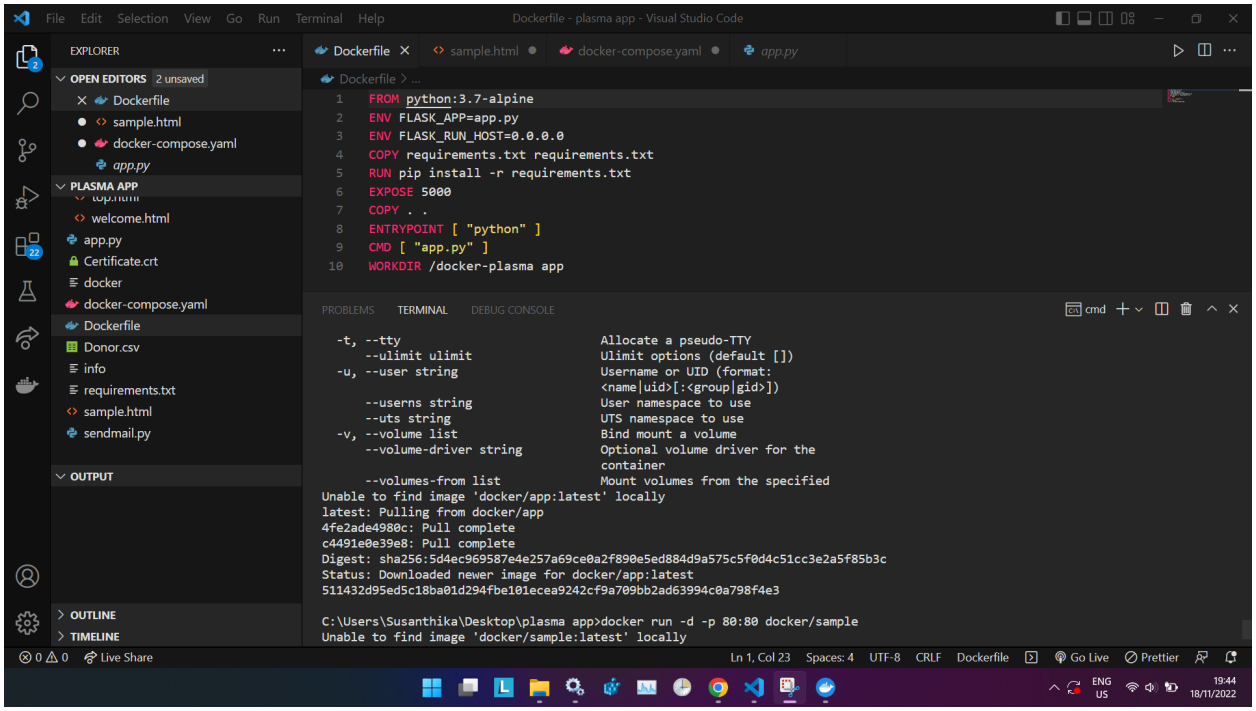
Containerize the app

Project Name	Project - Plasma Donor App
Team ID	PNT2022TMID23196
Team Leader	S.Sneha
Team Member 1	M.Susanthika
Team Member 2	G.S.Urmikha
Team Member 3	R.Sruthi




File Edit Selection View Go Run Terminal Help
Dockerfile - plasma app - Visual Studio Code
EXPLORER
OPEN EDITORS
Dockerfile
app.py
PLASMA APP
__pycache__
.vscode
static
templates
app.py
Certificate.crt
docker
Dockerfile
Donor.csv
info
requirements.txt
sendmail.py
OUTPUT
OUTLINE
TIMELINE
Dockerfile
app.py
1 FROM python:3.7-alpine
2 ENV FLASK_APP=app.py
3 ENV FLASK_RUN_HOST=0.0.0.0
4 COPY requirements.txt requirements.txt
5 RUN pip install -r requirements.txt
6 EXPOSE 5000
7 COPY . .
8 ENTRYPOINT ["python"]
9 CMD ["app.py"]
10 WORKDIR /docker-plasma app
PROBLEMS TERMINAL DEBUG CONSOLE
docker
C:\Users\Susanthika\Desktop\plasma app>docker build --help
Usage: docker build [OPTIONS] PATH | URL | -
Build an image from a Dockerfile
Options:
--add-host list Add a custom host-to-IP mapping (host:ip)
--build-arg list Set build-time variables
--cache-from strings Images to consider as cache sources
--cgroup-parent string Optional parent cgroup for the cont
--compress Compress the build context using gz
--cpu-period int Limit the CPU CFS (Completely Fair
Extension activation failed, run the 'Developer: Toggle Developer Tools...
Ln 10, Col 27 Spaces: 4 UTF-8 CRLF Dockerfile Go Live Prettier
Live Share
ENG US
19:07
18/11/2022


File Edit Selection View Go Run Terminal Help
Dockerfile - plasma app - Visual Studio Code
EXPLORER
OPEN EDITORS 2 unsaved
Dockerfile
sample.html
docker-compose.yaml
app.py
PLASMA APP
welcome.html
app.py
Certificate.crt
docker
docker-compose.yaml
Dockerfile
Donor.csv
info
requirements.txt
sample.html
sendmail.py
OUTPUT
OUTLINE
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docker-compose.yaml
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PROBLEMS TERMINAL DEBUG CONSOLE
cmd
-t, --tty Allocate a pseudo-TTY
--ulimit ulimit Ulimit options (default [])
-u, --user string Username or UID (format:
<name|uid>[:<group|gid>])
--userns string User namespace to use
--uts string UTS namespace to use
-v, --volume list Bind mount a volume
--volume-driver string Optional volume driver for the
container
--volumes-from list Mount volumes from the specified
Unable to find image 'docker/app:latest' locally
latest: Pulling from docker/app
4fe2ade4980c: Pull complete
c4491e0e39e8: Pull complete
Digest: sha256:5d4ec969587e4e257a69ce0a2f890e5ed884d9a575c5f0d4c51cc3e2a5f85b3c
Status: Downloaded newer image for docker/app:latest
511432d95ed5c18ba01d294fbe101ecea9242cf9a709bb2ad63994c0a798f4e3
C:\Users\Susanthika\Desktop\plasma app>docker run -d -p 80:80 docker/sample
Unable to find image 'docker/sample:latest' locally
Ln 1, Col 23 Spaces: 4 UTF-8 CRLF Dockerfile Go Live Prettier
Live Share
ENG US
19:44
18/11/2022