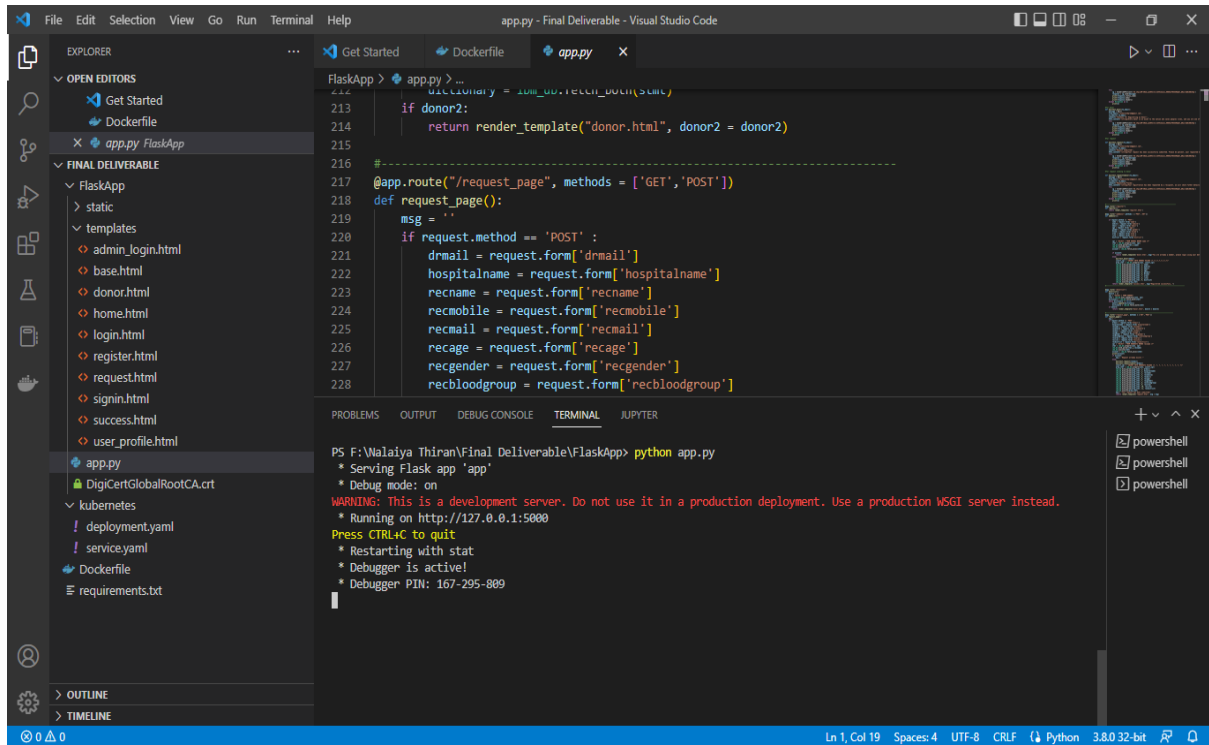


CREATING DOCKER IMAGE FOR FLASK APP

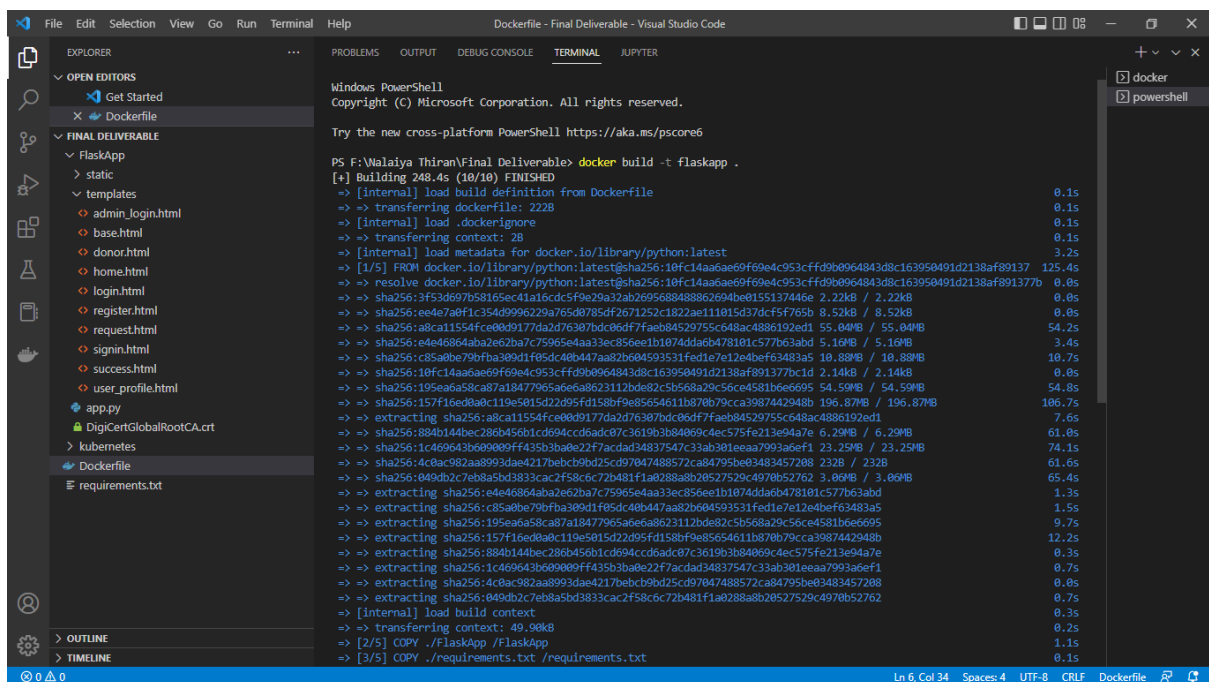
Date	7 November 2022
Team ID	PNT2022TMID24121
Project Name	Plasma Donor Application



The screenshot shows the Visual Studio Code interface with the Flask application code in `app.py` and the terminal output. The code defines a Flask app with routes for `/request_page` and `/request_page`. The terminal shows the command `python app.py` being executed, and the output indicates that the app is running on `http://127.0.0.1:5000`.

```
FlaskApp > app.py >
213 if donor2:
214     return render_template("donor.html", donor2 = donor2)
215
216 #-----
217 @app.route("/request_page", methods = ['GET', 'POST'])
218 def request_page():
219     msg = ''
220     if request.method == 'POST':
221         drmail = request.form['drmail']
222         hospitalname = request.form['hospitalname']
223         recname = request.form['recname']
224         recmobile = request.form['recmobile']
225         recmail = request.form['recmail']
226         recage = request.form['recage']
227         recgender = request.form['recgender']
228         recbloodgroup = request.form['recbloodgroup']
```

```
PS F:\Walaia Thiran\Final Deliverable\FlaskApp> python app.py
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 167-295-889
```



The screenshot shows the Visual Studio Code interface with the Dockerfile build process. The terminal output shows the command `docker build -t flaskapp .` being executed, and the output indicates that the build is successful and the image is ready to be pushed to Docker Hub.

```
Dockerfile - Final Deliverable - Visual Studio Code
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS F:\Walaia Thiran\Final Deliverable> docker build -t flaskapp .
[*] Building 248.4s (10/10) FINISHED
-> [internal] load build definition from Dockerfile
=> transferring dockerfile: 222B
=> [internal] load .dockerignore
=> transferring context: 2B
=> [internal] load metadata for docker.io/library/python:latest
=> [1/5] FROM docker.io/library/python:latest@sha256:10fc14aa6ae69f69e4c953cfd9b0964843d8c163950491d2138af891377d
=> resolve docker.io/library/python:latest@sha256:10fc14aa6ae69f69e4c953cfd9b0964843d8c163950491d2138af891377d
=> sha256:3f53d697b58165ec41a16cdc5f9e29a32ab2695688488862694be0155137446e 2.22kB / 2.22kB
=> sha256:e4de7a0f1c354d9996229a765d0785df2671252c1822ae111015d37dcf5f765b 8.52kB / 8.52kB
=> sha256:a8ca11554fced0d9177da2d76387bdc06d7faeb84529755c648ac4886192ed1 55.04MB / 55.04MB
=> sha256:e4de7a0f1c354d9996229a765d0785df2671252c1822ae111015d37dcf5f765b 8.52kB / 8.52kB
=> sha256:c85a8be79bfa309d1f05dc40b47aa02b604593531fed1e7e12e4bef63483a5 10.88MB / 10.88MB
=> sha256:10fc14aa6ae69f69e4c953cfd9b0964843d8c163950491d2138af891377d 2.14kB / 2.14kB
=> sha256:195ea6a58ca87a18477965a6e6a8623112bde82c5b568a29c56ca4581b6e6695 54.59MB / 54.59MB
=> sha256:15f16ed0a8c119e5815d22d95fd158bf9e85654611b870b79cca3987442948b 196.87MB / 196.87MB
=> extracting sha256:a8ca11554fced0d9177da2d76387bdc06d7faeb84529755c648ac4886192ed1 7.65
=> sha256:884b144bec286b456b1cd694ccdcad07c3619b3b84069c4ec575fe213e94a7e 6.29MB / 6.29MB
=> sha256:1c469643b69009ff435b3ba0e22f7acdad34837547c33ab301eaa7993a6ef1 23.25MB / 23.25MB
=> sha256:049db2c7eb8a5bd3833cac2f586c672b481f1a0288a8b20527529c4970b52762 3.06MB / 3.06MB
=> extracting sha256:e4de7a0f1c354d9996229a765d0785df2671252c1822ae111015d37dcf5f765b 1.33
=> extracting sha256:c85a8be79bfa309d1f05dc40b47aa02b604593531fed1e7e12e4bef63483a5 1.55
=> sha256:195ea6a58ca87a18477965a6e6a8623112bde82c5b568a29c56ca4581b6e6695 9.75
=> extracting sha256:15f16ed0a8c119e5815d22d95fd158bf9e85654611b870b79cca3987442948b 12.25
=> extracting sha256:884b144bec286b456b1cd694ccdcad07c3619b3b84069c4ec575fe213e94a7e 0.35
=> extracting sha256:1c469643b69009ff435b3ba0e22f7acdad34837547c33ab301eaa7993a6ef1 0.75
=> extracting sha256:049db2c7eb8a5bd3833cac2f586c672b481f1a0288a8b20527529c4970b52762 0.75
=> extracting sha256:049db2c7eb8a5bd3833cac2f586c672b481f1a0288a8b20527529c4970b52762 0.75
=> [internal] load build context
=> transferring context: 49.90kB
=> [2/5] COPY ./FlaskApp /FlaskApp
=> [3/5] COPY ./requirements.txt /requirements.txt
```

