

## Chatbot Project Description

### Sprint 1

**Subject:** Human Computer Interaction

**Subject code:** SCS356

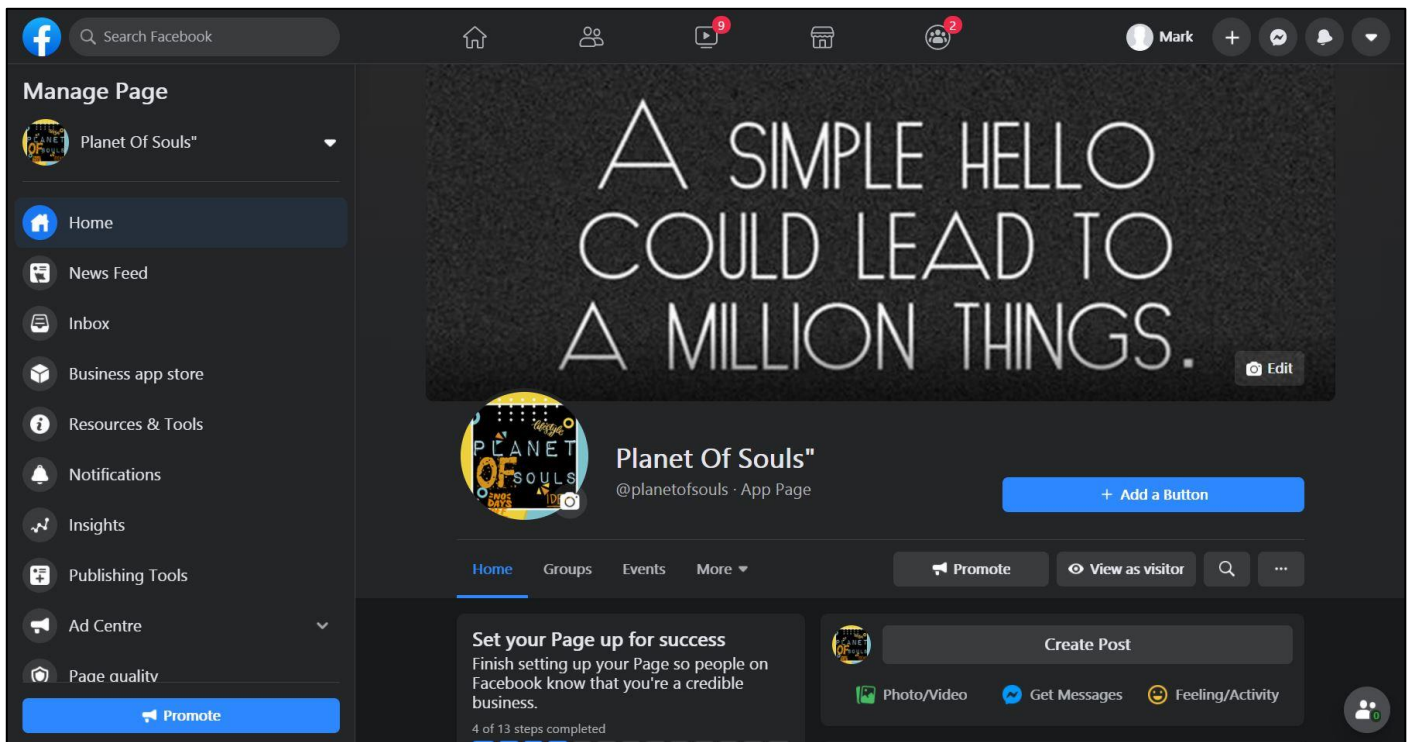
**Under the supervision of:** Dr. Hanaa Bayomi

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- Facebook page:

<https://www.facebook.com/planetofsouls/>



- Our page domain is all about quotes, writings, and thoughts.
- All types of quotes will be posted daily to our followers.
- The bot goal is to provide quotes when people ask for and by next sprints they should be able to get a quote when they send a specific topic or word message.
- This domain may be widely spread but not with a bot option, so this is the challenge here.

- Messenger application on Facebook developers website for our Facebook page:

```
C:\Windows\System32\cmd.exe - ngrok.exe http 80
ngrok by @inconshreveable

Session Status      online
Session Expires    7 hours, 48 minutes
Version            2.3.35
Region             United States (us)
Web Interface       http://127.0.0.1:4040
Forwarding          http://bec03db16915.ngrok.io -> http://localhost:80
Forwarding          https://bec03db16915.ngrok.io -> http://localhost:80

Connections
  ttl      opn      rt1      rt5      p50      p90
    9       0       0.04     0.01     0.31     2.33

HTTP Requests
-----
POST /                200 OK
POST /                200 OK
POST /                200 OK
POST /                200 OK
GET /                200 OK
GET /favicon.ico     404 NOT FOUND
GET /                200 OK
GET /favicon.ico     502 Bad Gateway
GET /                502 Bad Gateway
```

```
(myBotenv) G:\Omar\College\Level 5\Human Computer Interaction\Project\Python virtualenv>python test.py
* Serving Flask app "test" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Restarting with stat
* Debugger is active!
* Debugger PIN: 185-715-973
* Running on http://127.0.0.1:80/ (Press CTRL+C to quit)
127.0.0.1 - - [30/Dec/2020 14:11:35] "[37mGET / HTTP/1.1-[0m" 200 -
127.0.0.1 - - [30/Dec/2020 14:11:35] "[33mGET /favicon.ico HTTP/1.1-[0m" 404 -

(myBotenv) G:\Omar\College\Level 5\Human Computer Interaction\Project\Python virtualenv>python test.py
* Serving Flask app "test" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Restarting with stat
* Debugger is active!
* Debugger PIN: 185-715-973
* Running on http://127.0.0.1:80/ (Press CTRL+C to quit)
127.0.0.1 - - [30/Dec/2020 14:18:53] "[37mGET / HTTP/1.1-[0m" 200 -
127.0.0.1 - - [30/Dec/2020 14:18:54] "[33mGET /favicon.ico HTTP/1.1-[0m" 404 -
127.0.0.1 - - [30/Dec/2020 14:20:35] "[37mGET /?hub.mode=subscribe&hub.challenge=506641675&hub.verify_token=hello HTTP/1.1-[0m" 200 -
I am here
[{"object": "page", "entry": [{"id": "103898431625143", "time": 1609331054620, "messaging": [{"sender": {"id": "3754735001285069"}, "recipient": {"id": "103898431625143"}, "timestamp": 1609331053854, "message": {"mid": "m_1q00uyhnnWtVncutaTTwHgmOEruZ1LG_rrAkNPagsb7KNSPuYtQQjV37n2t3n-DikDRo_OtA1SgCw", "text": "Hello"}}]}]}]
b'{"object": "page", "entry": [{"id": "103898431625143", "time": 1609331054629, "messaging": [{"sender": {"id": "3754735001285069"}, "recipient": {"id": "103898431625143"}, "timestamp": 1609331053854, "message": {"mid": "m_1q00uyhnnWtVncutaTTwHgmOEruZ1LG_rrAkNPagsb7KNSPuYtQQjV37n2t3n-DikDRo_OtA1SgCw", "text": "Hello"}}]}]}]
I am here
[{"object": "page", "entry": [{"id": "103898431625143", "time": 1609331354843, "messaging": [{"sender": {"id": "3754735001285069"}, "recipient": {"id": "103898431625143"}, "timestamp": 1609331354628, "message": {"mid": "m_C1gVzH29612TtF0AAgMbIsutaTTwHgmOEruZ1LG_rrA8k1e49lqr_P4s1VdFLMBzxbJrQcrGx9zLxCaGI0R5A", "text": "This is omar"}}]}]}]
b'{"object": "page", "entry": [{"id": "103898431625143", "time": 1609331354843, "messaging": [{"sender": {"id": "3754735001285069"}, "recipient": {"id": "103898431625143"}, "timestamp": 1609331354628, "message": {"mid": "m_C1gVzH29612TtF0AAgMbIsutaTTwHgmOEruZ1LG_rrA8k1e49lqr_P4s1VdFLMBzxbJrQcrGx9zLxCaGI0R5A", "text": "This is omar"}}]}]}]
127.0.0.1 - - [30/Dec/2020 14:29:15] "[37mPOST / HTTP/1.1-[0m" 200 -
I am here
```

## Webhooks

To receive messages and other events sent by Messenger users, the app should enable webhooks integration.

Callback URL

https://bec03db16915.ngrok.io

Verify Token

.....

Validation requests and Webhook notifications for this object will be sent to this URL.

Token that Facebook will echo back to you as part of callback URL verification.

Edit Callback URL

Show Recent Errors

Pages ↑

Webhooks



Planet Of Souls"  
103898431625143

17 Fields

messages, messaging\_postbacks, messaging\_optins, message\_deliveries, message\_reads, messaging...

Edit

Add or Remove Pages ⓘ

> Webhook Field Version Controls