

SPRINT 4

Team ID	PNT2022TMID09989
Project Name	Smart Fashion Recommender Application

DEPLOYING THE APPLICATION :

USER REGISTRATION PAGE :

User Registration Form

Firstname

Firstname

Middlename:

Middlename

Lastname:

Lastname

Course :

Course ▼

Gender :

☒ Male ☐ Female ☐ Other

Phone :

+91

phone no.

Current Address :

Current Address

Email

Enter Email

Password

Enter Password

Re-type Password

Retype Password

Register

USER LOGIN PAGE :

Login Page

Username :

Password :

Login




Remember me


Cancel

Forgot [password?](#)


PRODUCT PAGE :




[Head Phone](#)
Price-2099- Discount Price 40%
[Add to Cart](#)




[Black Shoes](#)
Price-1099- Discount Price 20%
[Add to Cart](#)




[Classy Hat](#)
Price-499- Discount Price 12%




CHATBOT INTEGRATION WITH WEB PAGE :



[White Checked Shirt](#)
Price 600- Discount Price 10%
[Add to Cart](#)



[Rider Jacket](#)
Price 10000- Discount Price 20%
[Add to Cart](#)



[Classic Titan Watch](#)
Price 1800- Discount Price 20%

Return to assistant

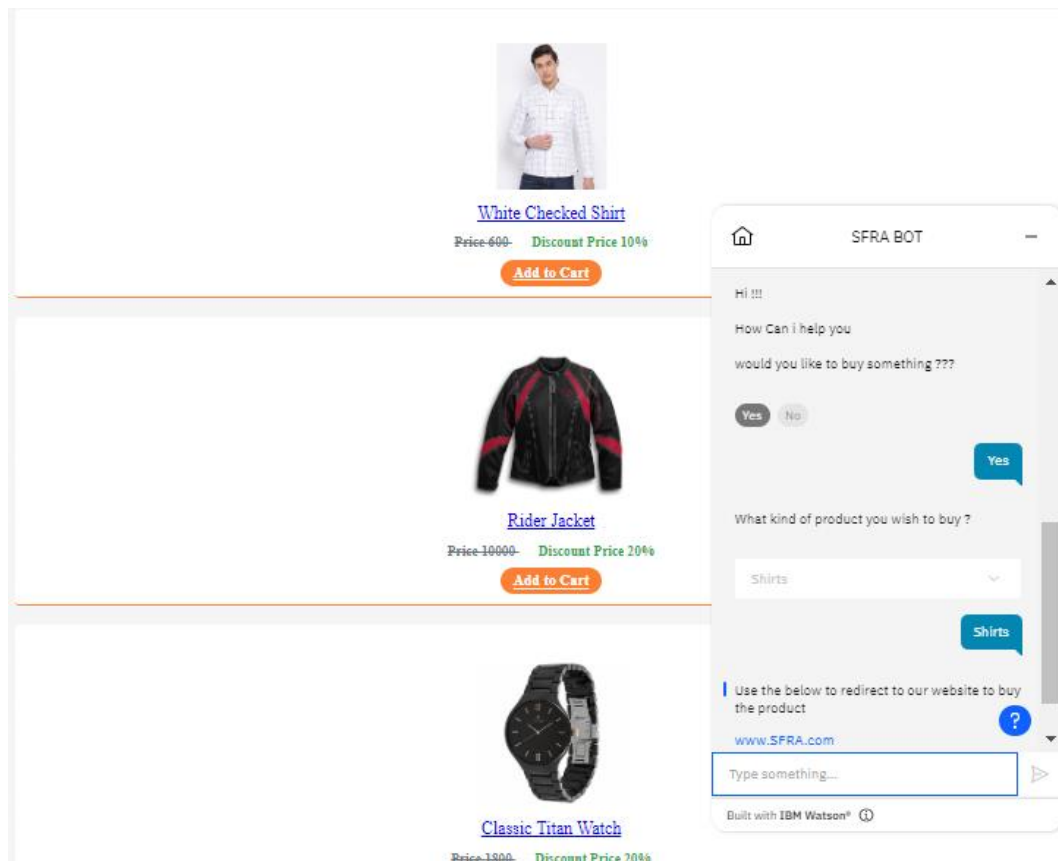
Hi! I'm SFRA BOT . How can I help you today?

Example: To your account

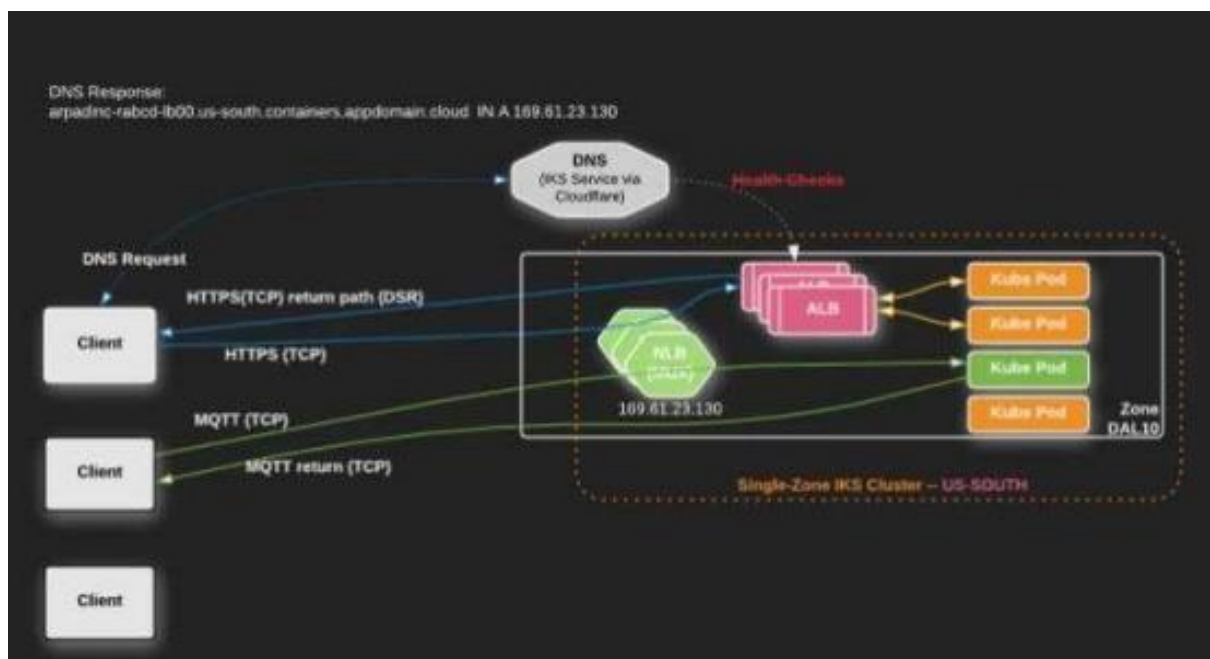
Example: buy some products

Example: customer feedback

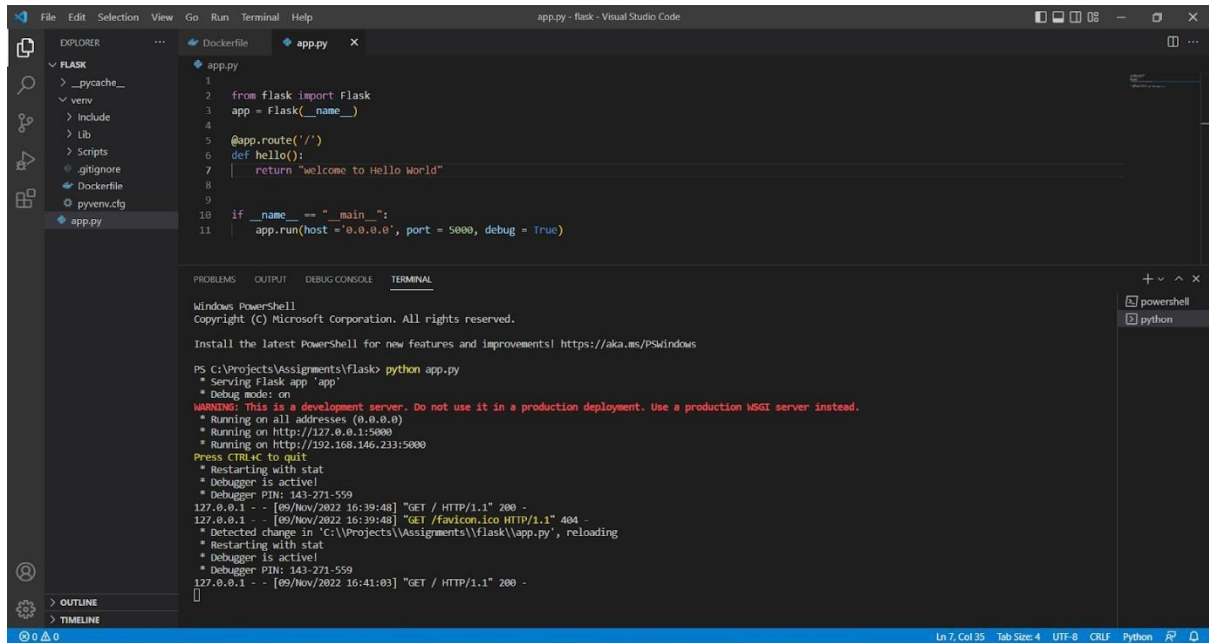
Built with IBM Watson®



DEPLOY IN KUBERNETES CLUSTER :



CONTAINERIZE THE APP :



The screenshot shows the Visual Studio Code interface with a Flask application open. The Explorer sidebar on the left shows the project structure, including files like `__pycache__`, `venv`, `include`, `lib`, `Scripts`, `.gitignore`, `Dockerfile`, `pyvenv.cfg`, and `app.py`. The main editor displays the `app.py` file with the following code:

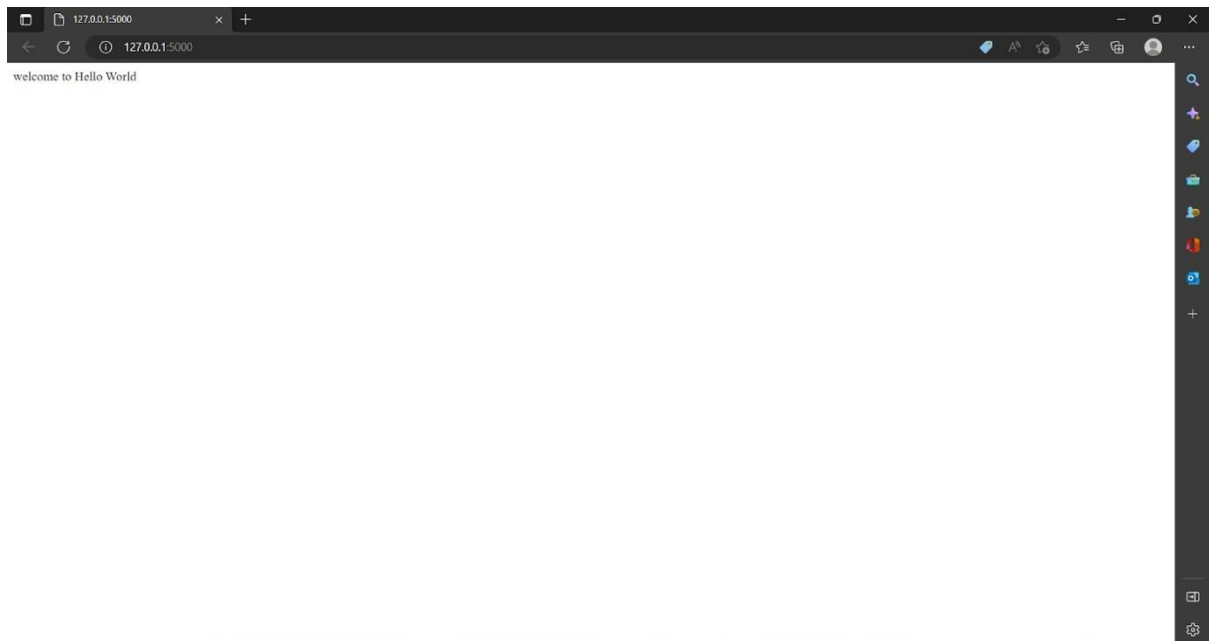
```
1 from flask import Flask
2 app = Flask(__name__)
3
4
5 @app.route('/')
6 def hello():
7     return "welcome to Hello World"
8
9
10 if __name__ == "__main__":
11     app.run(host='0.0.0.0', port = 5000, debug = True)
```

The TERMINAL panel at the bottom shows the command prompt output for running the application:

```
Windows PowerShell
Copyright (c) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Projects\Assignments\flask> python app.py
* Serving Flask app "app"
* Debug mode: on
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://192.168.146.233:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 143-271-559
127.0.0.1 - - [09/Nov/2022 16:39:48] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [09/Nov/2022 16:39:48] "GET /favicon.ico HTTP/1.1" 404 -
* Detected change in 'C:\Projects\Assignments\flask\app.py', reloading
* Restarting with stat
* Debugger is active!
* Debugger PIN: 143-271-559
127.0.0.1 - - [09/Nov/2022 16:41:03] "GET / HTTP/1.1" 200 -
```



UPLOAD IMAGE TO IBM CONTAINER REGISTRY :

IBM Cloud

Search resources and products...

Q

Catalog

Manage

Nandhakumar N's Acco...

?

Clusters /

SFRA_Cluster Normal Expires in 15 days Add tags

Help

Kubernetes dashboard

Actions...

Overview

Worker nodes

Worker pools

DevOps New

Pool: Filter... Q Search Add

<input type="checkbox"/>	Name	Status	Worker pool	Zone	Private IP	Public IP	Version
<input checked="" type="checkbox"/>	000000b0	Normal	default	Milan 01	10.144.212.146	169.51.203.175	1.24.6_1541 i

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