

ASSIGNMENT-2

Creating A Flask App

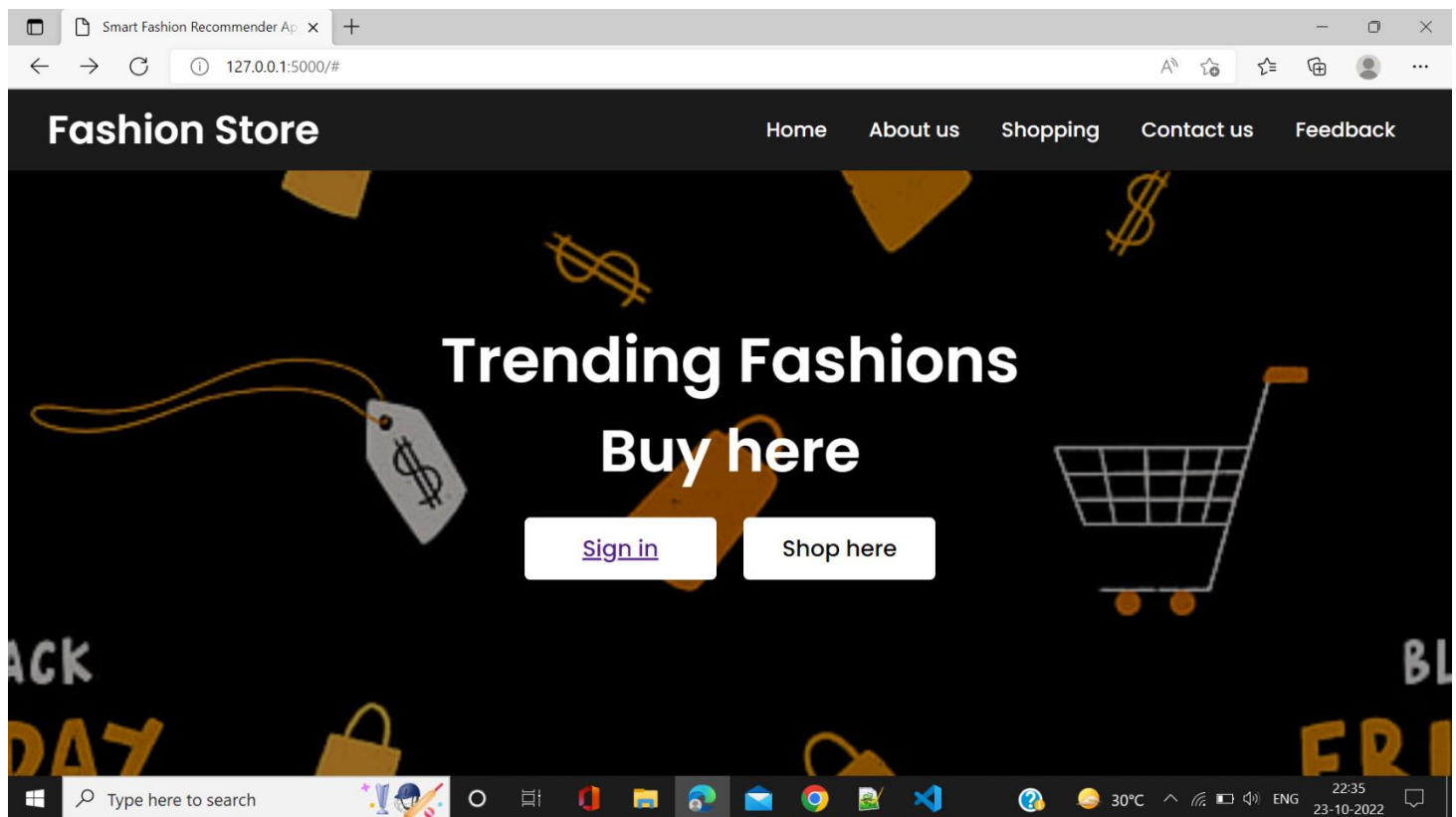
Team ID : PNT2022TMID52244

Project Name : Smart Fashion Recommender Application

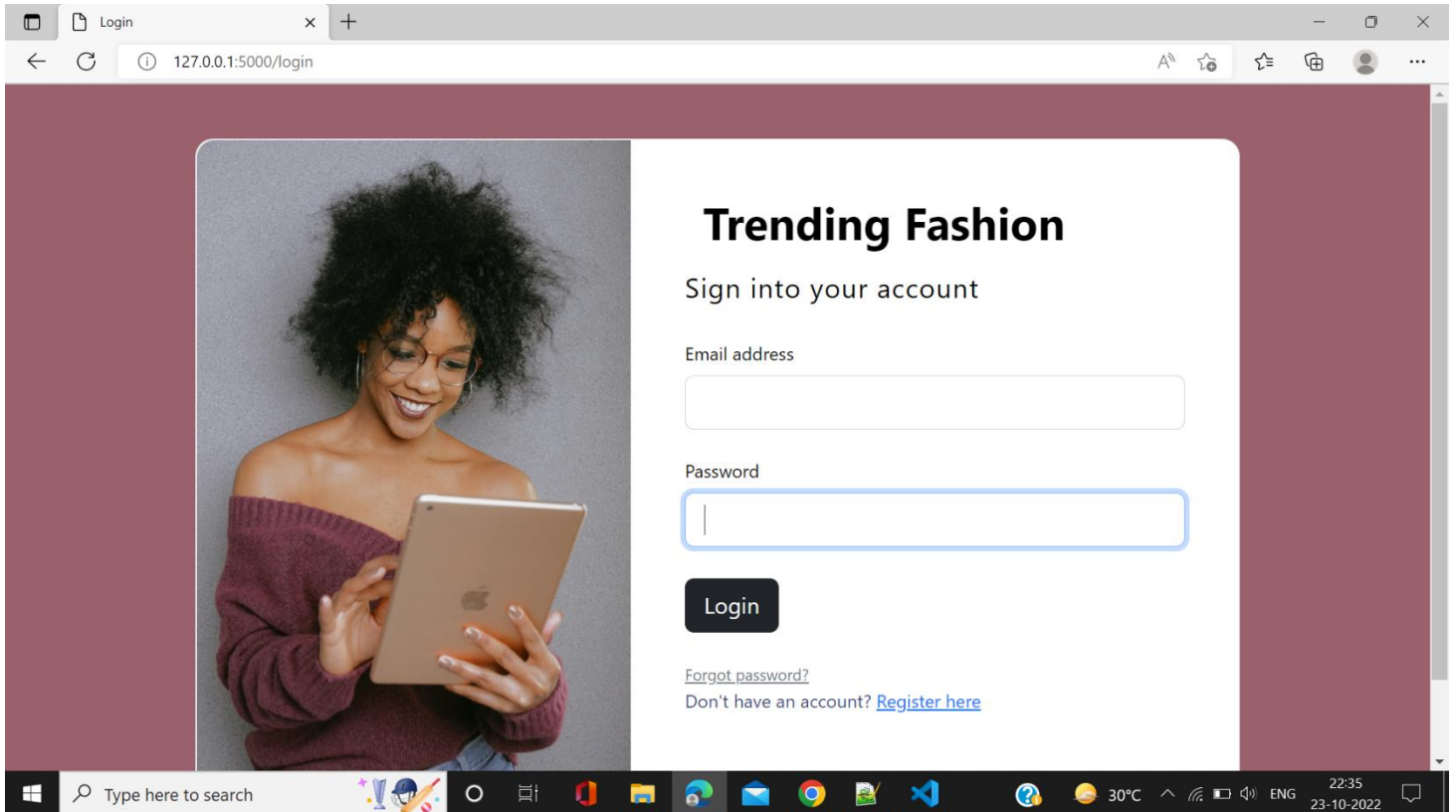
Submitted by : Adan C Benedict (963519104002)

Flask App:

1.Home page:



2.Login page



Trending Fashion

Sign into your account

Email address

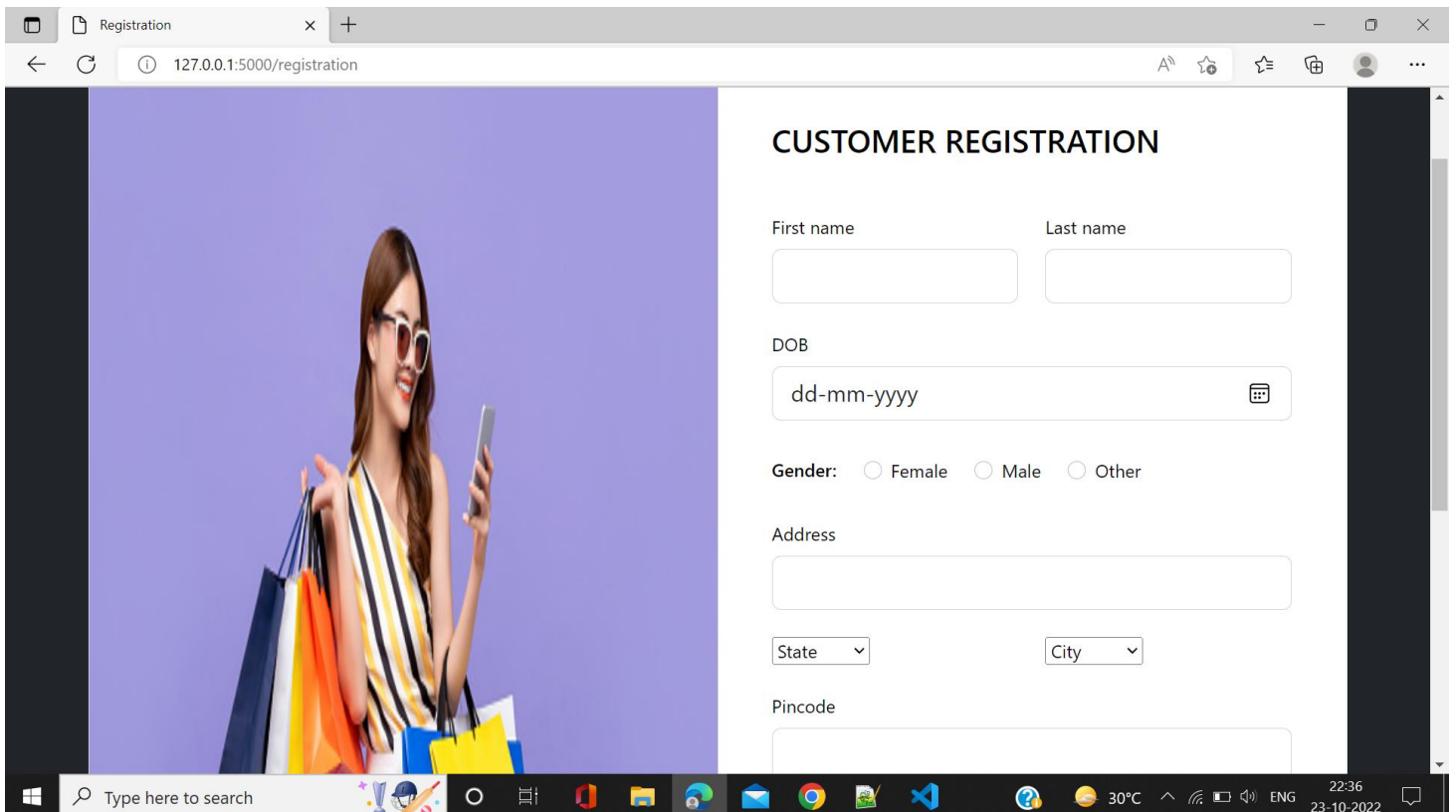
Password

Login

[Forgot password?](#)

Don't have an account? [Register here](#)

3.Registration page:



CUSTOMER REGISTRATION

First name Last name

DOB

dd-mm-yyyy

Gender: ☐ Female ☐ Male ☐ Other

Address

State City

Pincode

IBM DATABASE CLOUD:

1.Table creation query:

IBM Db2 on Cloud

SQL

Filter objects

DTX76646

Tables

CUSTOMER_DETAILS

Views

MQTs

Aliases

Nicknames

*Untitled - 1

1

2

3

4

5

6

7

8

9

10

11

12

CREATE TABLE customer_details(

customer_id INT GENERATED BY DEFAULT AS IDENTITY NOT NULL,

name VARCHAR(150) NOT NULL,

address VARCHAR(255) NOT NULL,

dob INT NOT NULL,

state VARCHAR(20) NOT NULL,

city VARCHAR(25),

pin_code VARCHAR(6),

email_id varchar(50),

password varchar(25)

);

Run all

History

CUSTOMER ...

2.Table:

IBM Db2 on Cloud

SQL

Filter objects

DTX76646

Tables

CUSTOMER_DETAILS

Views

MQTs

Aliases

Nicknames

History

CUSTOMER_...

Table details

CUSTOMER_DETAILS

0 rows

Find

Name	Data type	Nullable	Length	Scale
CUSTOMER_ID	INTEGER	N		0
NAME	VARCHAR	N	150	0
ADDRESS	VARCHAR	N	255	0
DOB	INTEGER	N		0
STATE	VARCHAR	N	20	0
CITY	VARCHAR	Y	25	0
PIN_CODE	VARCHAR	Y	6	0
EMAIL_ID	VARCHAR	Y	50	0

Type here to search

30°C

06:46

24-10-2022

3.Inserted Data:

bs2ipcul0apon0jufi80lite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2F440a2...

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

DTX76646.CUSTOMER_DETAILS [Back](#)

[Export to CSV](#)

CUSTOMER_ID	NAME	ADDRESS	DOB	STATE	CITY	PIN_CODE	EMAIL_ID	PASSWORD
1	Adan	Manali	-1991	tamil nadu	thuckalay	629175	adan4887@gmail.com	1234acb

Type here to search 30°C 06:59 24-10-2022

4.Customer details:

bs2ipcul0apon0jufi80lite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2F440a2...

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

DTX76646.CUSTOMER_DETAILS [Back](#)

[Export to CSV](#)

CUSTOMER_ID	NAME	ADDRESS	DOB	STATE	CITY	PIN_CODE	EMAIL_ID	PASSWORD
1	Adan	Manali	-1991	tamil nadu	thuckalay	629175	adan4887@gmail.com	1234acb
2	jeevithan	nagercoil	-1998	tamil nadu	nagercoil	629001	jeevi2000@gmail.com	jeevi123
3	raghul	ammandivilai	2000	tamilnadu	manavalakurichii	629132	babu@gmail.com	raghul123
4	hari	nagercoil	2000	tamilnadu	nagercoil	629001	hari12@gmail.com	haribl123

Type here to search 30°C 07:14 24-10-2022

6. IBM Database Connection with python code:

```
import ibm_db
hostname = '9938aec0-8105-433e-8bf9-
0fbb7e483086.clogj3sd0tgtu0lqde00.databases.appdomain.cloud'
uid = 'qfk33398'
pwd = 'jnfFMaLIMeTZcout'
driver = "{IBM DB2 ODBC DRIVER}"
db = 'bludb'
port = '32459' protocol =
'TCPIP'
cert = 'CRT1.crt'

dsn = (
    "DATABASE = {0};"
    "HOSTNAME = {1};"
    "PORT = {2};"
    "UID = {3};"
    "SECURITY = SSL;"
    "SSLServerCertificate = {4};"
    "PWD = {5};"
).format(db, hostname, port, uid, cert, pwd)
print(dsn) try:
    db2 = ibm_db.connect(dsn, " ", " ")
print("connect to database") except:
    print("unable to connect ", ibm_db.conn_errormsg())
```