

## SPRINT 3

DATE	05 NOVEMBER 2022
TEAM ID	PNT2022TMID29786
PROJECT NAME	SMART FASHION RECOMMENDER APPLICATION

## PYTHON FLASK DATABASE CONNECTIVITY

The screenshot displays the IBM Db2 on Cloud web interface. The 'Tables' tab is selected, showing a list of tables in the 'PGW62994' schema. The 'SMART' table is selected, and its definition is shown on the right. The table has seven columns, all of type CHAR, with varying lengths and nullable status. The 'Confirm Password' column is also present, suggesting a user registration or login functionality. The 'View data' button is located at the bottom of the table definition panel.

Name	Data type	Nullable	Length	Scale
First Name	CHAR	Y	32	0
Last Name	CHAR	Y	16	0
ADDRESS	CHAR	Y	108	0
Phone Number	CHAR	Y	32	0
EMAIL	CHAR	Y	32	0
PASSWORD	CHAR	Y	32	0
Confirm Password	CHAR	Y	32	0

## PYTHON FLASK DATABASE CONNECTIVITY CODE

```
File Edit Selection View Go Run Terminal Help
app.py - shopick - Visual Studio Code

index.html 9+ my-account.html 9+ app.py x

app.py > ...
1 from flask import Flask, render_template, redirect, request, url_for, flash
2 from markupsafe import escape
3 # import requests
4 # import json
5 # from turtle import st
6 import ibm_db
7
8
9
10 # conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=6667d8e9-9d4d-4ccb-ba32-21da3bb5aafc.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=30376;SECURITY=SSL;SSLServerCert=bludb.pem", "", "")
11 # print(conn)
12 # print("connection successful...")
13
14
15 app = Flask(__name__)
16
17 app.secret_key = 'gtvfhfryj123@g%'
18
19 @app.route('/wishlist')
20 def wishlist():
21     return render_template('wishlist.html')
22
23 @app.route('/')
24 def home():
25     return render_template('index.html')
26
27 @app.route('/cart')
28 def cart():
29     return render_template('cart.html')
30
31 @app.route('/checkout')
32 def checkout():
33     return render_template('checkout.html')
34
35 @app.route('/contact')
36 def contact():
37     return render_template('contact.html')
```

```
File Edit Selection View Go Run Terminal Help
app.py - shopick - Visual Studio Code

index.html 9+ my-account.html 9+ app.py x

app.py > ...
37     return render_template('contact.html')
38
39 @app.route('/login')
40 def login():
41     return render_template('login.html')
42
43 @app.route('/my-account')
44 def myaccount():
45     return render_template('my-account.html')
46
47 @app.route('/shop-list')
48 def shoplist():
49     return render_template('shop-list.html')
50
51 @app.route('/shop')
52 def shop():
53     return render_template('shop.html')
54
55 @app.route('/single-product')
56 def singleproduct():
57     return render_template('single-product.html')
58
59 @app.route('/thank-you')
60 def thankyou():
61     return render_template('thank-you.html')
62
63
64
65 # url = "https://jsearch.p.rapidapi.com/search"
66
67 # querystring = {"query": " Web Developer ", "USA", "num_pages": "1"}
68
69 # headers = {
70 #     "X-RapidAPI-Key": "d118e88785msb0e3376fd34476p166ed9jsna896a9c9e5da",
71 #     "X-RapidAPI-Host": "jsearch.p.rapidapi.com"
72 # }
73
```



