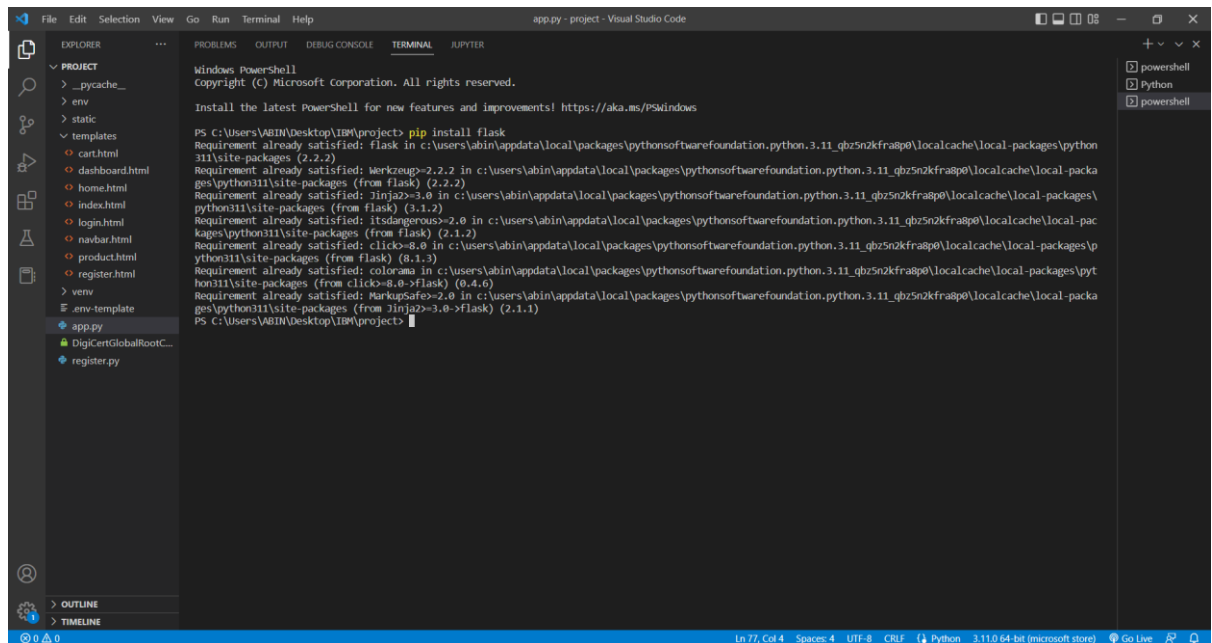


# PROJECT DEVELOPMENT PHASE

## SPRINT 2

Date	23 September 2022
Team ID	PNT2022TMID43829
Project Name	Smart Fashion Recommender Application
Maximum Marks	

### 1. Installing Flask



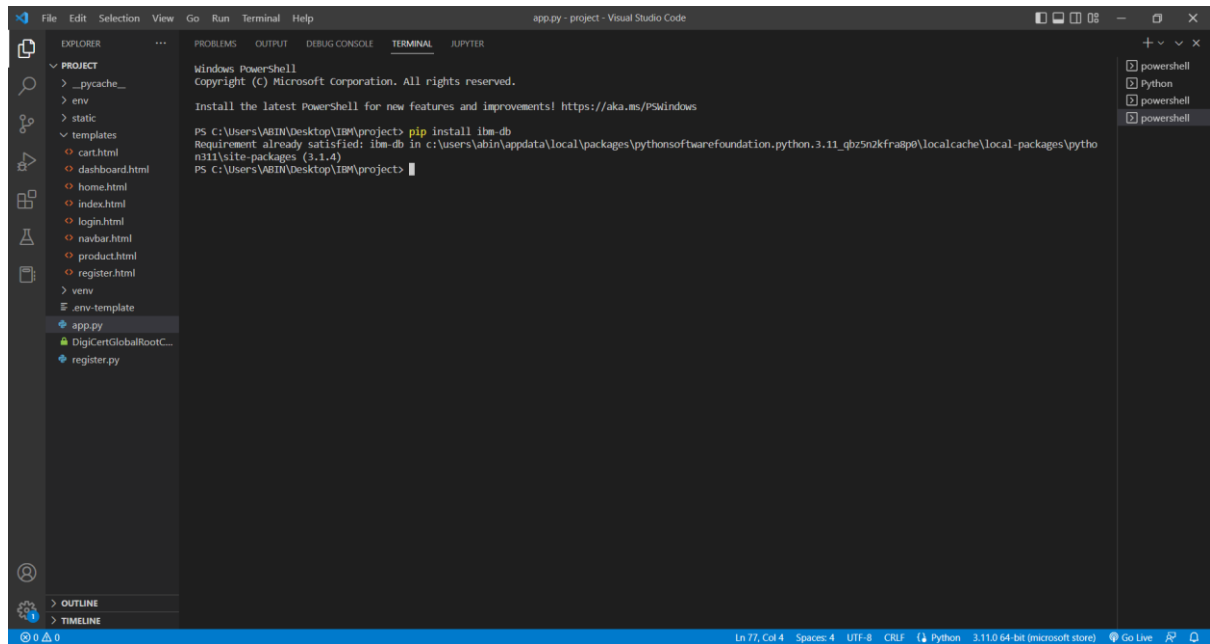
The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the command to install Flask using pip, followed by the output showing that the requirement is already satisfied. The file explorer on the left shows a project structure with files like \_pyscache\_, env, static, templates, carthtml, dashboard.html, home.html, index.html, login.html, navbar.html, product.html, register.html, .env, .env-template, app.py, and register.py. The terminal output is as follows:

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

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

PS C:\Users\ABIN\Desktop\TBM\project> pip install flask
Requirement already satisfied: flask in c:\users\abin\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (2.2.2)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\abin\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from flask) (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\abin\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from flask) (3.1.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\abin\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from flask) (2.1.2)
Requirement already satisfied: click>=8.0 in c:\users\abin\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from flask) (8.1.3)
Requirement already satisfied: colorama in c:\users\abin\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from click>=8.0->flask) (0.4.6)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\abin\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from Jinja2>=3.0->flask) (2.1.1)
PS C:\Users\ABIN\Desktop\TBM\project>
```

## 2. Installing IBM\_DB



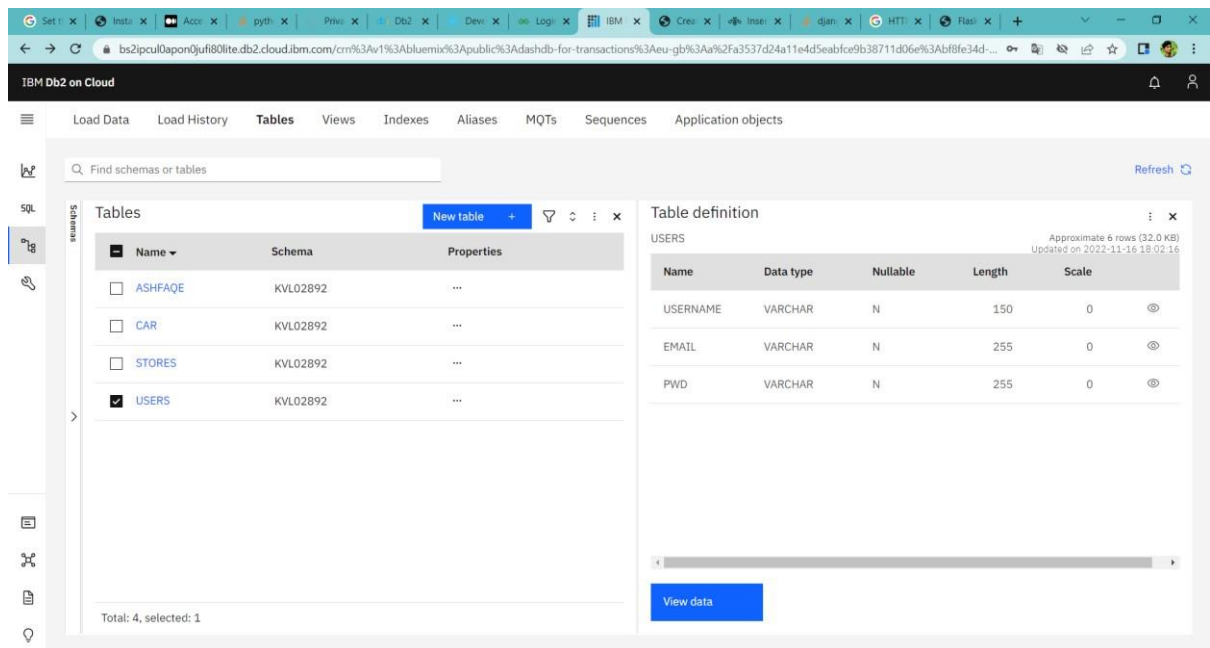
The screenshot shows a Visual Studio Code window with a terminal open. The terminal is running Windows PowerShell. The user has entered the command `pip install ibm-db`. The output shows that the requirement is already satisfied, indicating that `ibm-db` is already installed in the current environment. The terminal text is as follows:

```
Windows PowerShell
Copyright (C) Microsoft corporation. All rights reserved.

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

PS C:\Users\ABIN\Desktop\IBM\project> pip install ibm-db
Requirement already satisfied: ibm-db in c:\users\abin\appdata\local\packages\pythonsoftwarefoundation.python.3.11_gbz5n2kfrasp0\localcache\local-packages\python311\site-packages (3.1.4)
PS C:\Users\ABIN\Desktop\IBM\project>
```

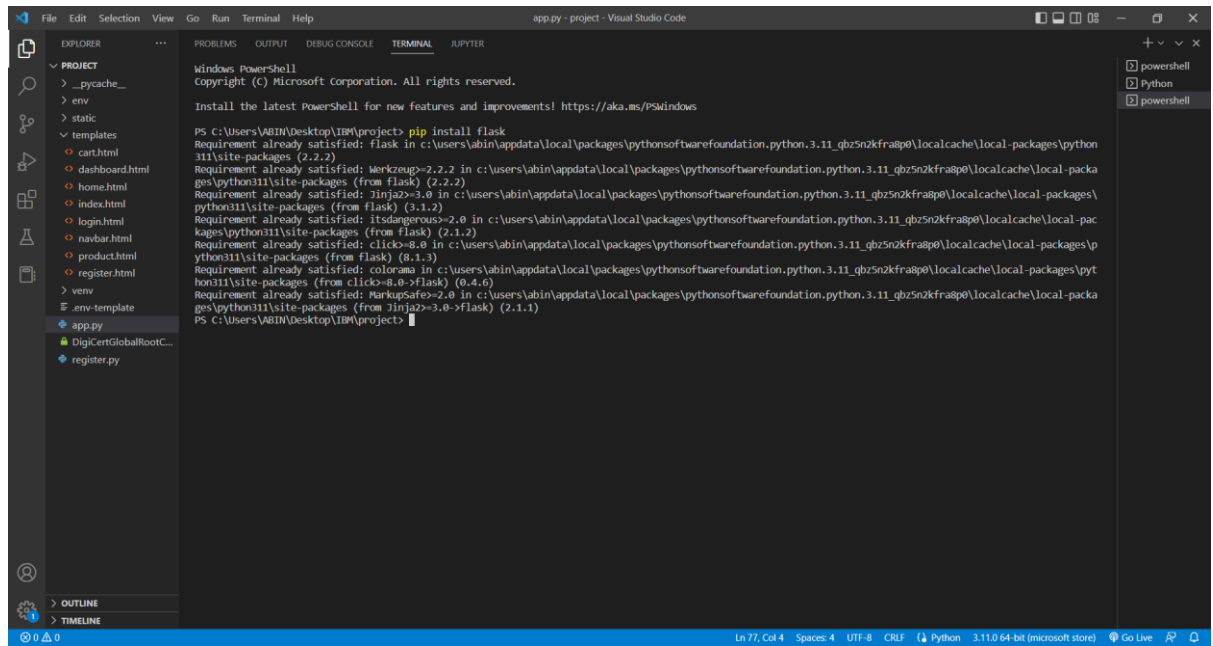
## 3. Creating Database schemas



The screenshot shows the IBM Db2 on Cloud console. The 'Tables' tab is selected, and the 'USERS' table is highlighted. The 'Table definition' panel on the right shows the schema for the 'USERS' table. The table has 6 rows (32.0 KB) and was updated on 2022-11-16 18:02:16. The schema is as follows:

Name	Data type	Nullable	Length	Scale
USERNAME	VARCHAR	N	150	0
EMAIL	VARCHAR	N	255	0
PWD	VARCHAR	N	255	0

## 4. Running app.py



The screenshot shows the Visual Studio Code interface with the Explorer sidebar on the left displaying a project structure. The main editor area shows a PowerShell terminal window with the following output:

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

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

PS C:\Users\ABIN\Desktop\IBM\project> pip install flask
Requirement already satisfied: flask in c:\users\abin\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (2.2.2)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\abin\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from flask) (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\abin\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from flask) (3.1.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\abin\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from flask) (2.1.2)
Requirement already satisfied: click>=8.0 in c:\users\abin\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from flask) (8.1.3)
Requirement already satisfied: colorama in c:\users\abin\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from click>=8.0->flask) (0.4.6)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\abin\appdata\local\packages\pythonsoftwarefoundation.python.3.11_qbz5n2kfra8p0\localcache\local-packages\python311\site-packages (from Jinja2>=3.0->flask) (2.1.1)
PS C:\Users\ABIN\Desktop\IBM\project>
```

The status bar at the bottom indicates the file is at line 77, column 4, using UTF-8 encoding, and the Python interpreter is the 3.11.0 64-bit version from the Microsoft Store.

## 5. Output

