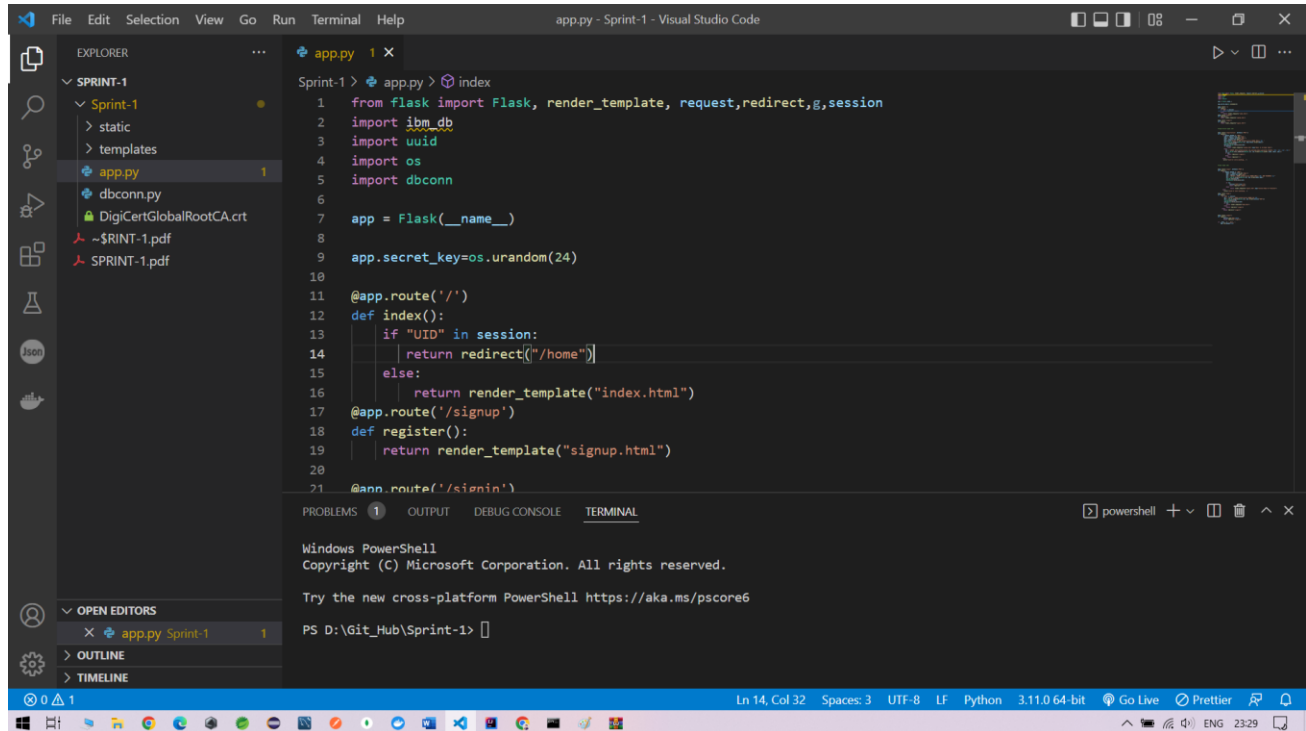


# NEWS TRACKER APPLICATION

## SPRINT – 1

Team Id: PNT2022TMID11825

### VS CODE



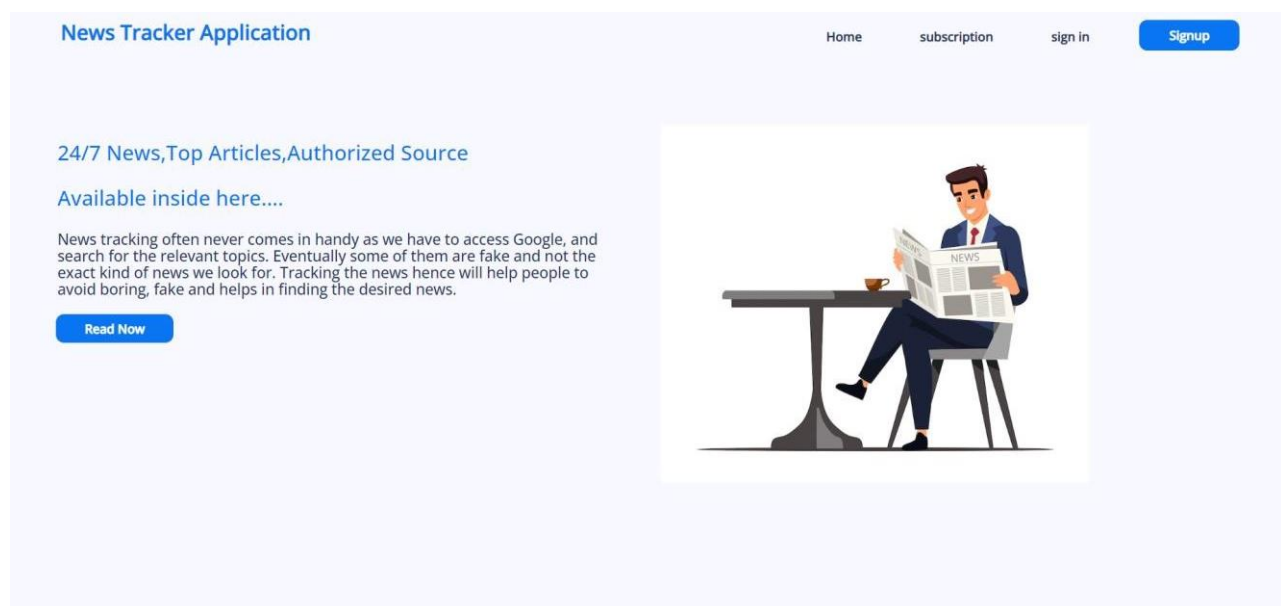
The screenshot shows the Visual Studio Code interface. The Explorer panel on the left displays the project structure for 'SPRINT-1', including 'static', 'templates', 'app.py', 'dbconn.py', and certificate files. The main editor area shows the 'app.py' file with the following Python code:

```
1 from flask import Flask, render_template, request, redirect, g, session
2 import ibm_db
3 import uuid
4 import os
5 import dbconn
6
7 app = Flask(__name__)
8
9 app.secret_key = os.urandom(24)
10
11 @app.route('/')
12 def index():
13     if "UID" in session:
14         return redirect("/home")
15     else:
16         return render_template("index.html")
17 @app.route('/signup')
18 def register():
19     return render_template("signup.html")
20
21 @app.route('/signin')
```

The bottom panel shows the 'TERMINAL' tab with a Windows PowerShell prompt at 'PS D:\Git\_Hub\Sprint-1>'.

### HOME PAGE:

The user can visit the home page first which is connected with NewsApi, and displays the latest news dynamically. It has navigation to the Main app next.



## LOGIN AND REGISTRATION PAGE FOR NEWS TRACKER APPLICATION with ibm\_db2:

### Login:

### Login

Email

Enter the email


Password

Enter the password

login

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

[Forget password](#)



If user already exists, then the notification of message is printed and they can login next for access.

### Register:

### Register

Username

Enter the name

Email


Enter the email

Password

Enter the Password

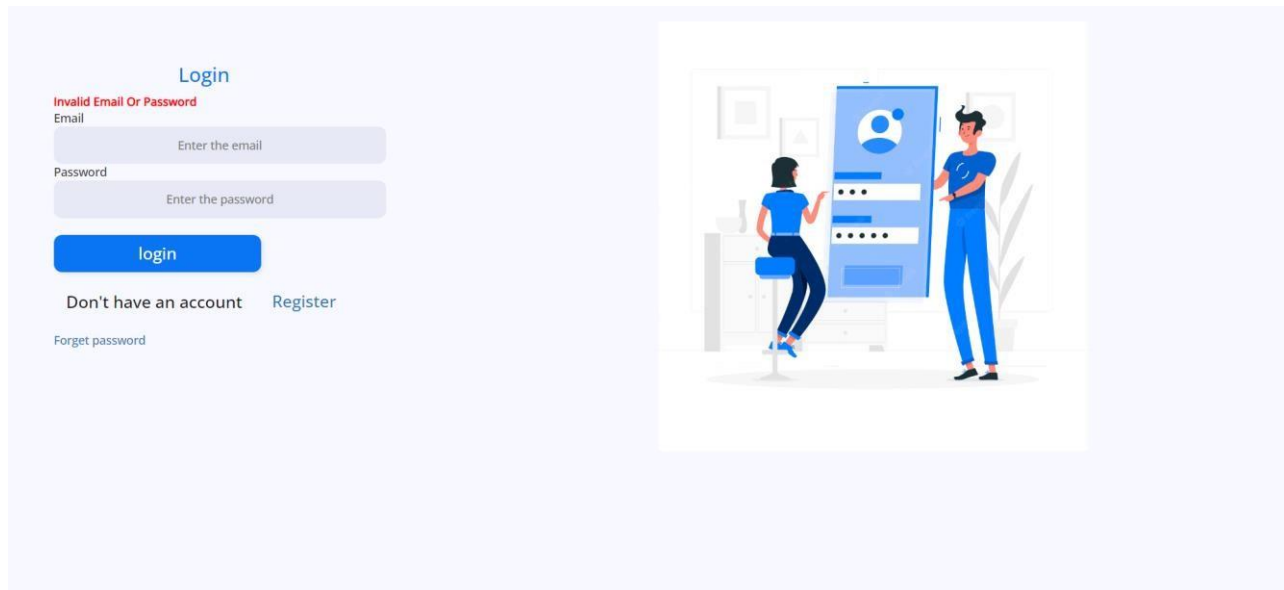
Sign Up

You have an account [login](#)



If user registers successfully, it moves on to the confirmation and the user can login with the mail ID and password

## FOR INVALID USERNAME/PASSWORD:



If user provides invalid data (mail and password), “Please enter a valid email” will be shown.

## IBM-DB2 DATABASE CONNECTIVITY TO STORE USER DETAILS AND VALIDATION:

IBM Db2 on Cloud

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

Find schemas or tables Refresh

**Tables** New table +

Name	Schema	Properties
AUTHENTICATION	JVY80196	...

Total: 1, selected: 1

**Table definition**

AUTHENTICATION  
Approximate 2 rows (32.0 KB)  
Updated on 2022-11-18 14:21:54

Name	Data type	Nullable	Length	Scale
ID	VARCHAR	Y	255	0
USERNAME	VARCHAR	N	255	0
EMAIL	VARCHAR	N	255	0
PASSWORD	VARCHAR	N	255	0

View data

[Back](#)

Export to CSV 

ID	USERNAME	EMAIL	PASSWORD
1c628415-97d9-4278-8ad0-22286625134d	karthi	karthi@gmail.com	karthi123
3575a33c-5a35-4bad-8e53-c7a2d9fe278c	shan	shan@gmail.com	shan5
d0f49729-a751-4600-96a9-53aa953b3fdb	vijay	vijay@gmail.com	vijay123

