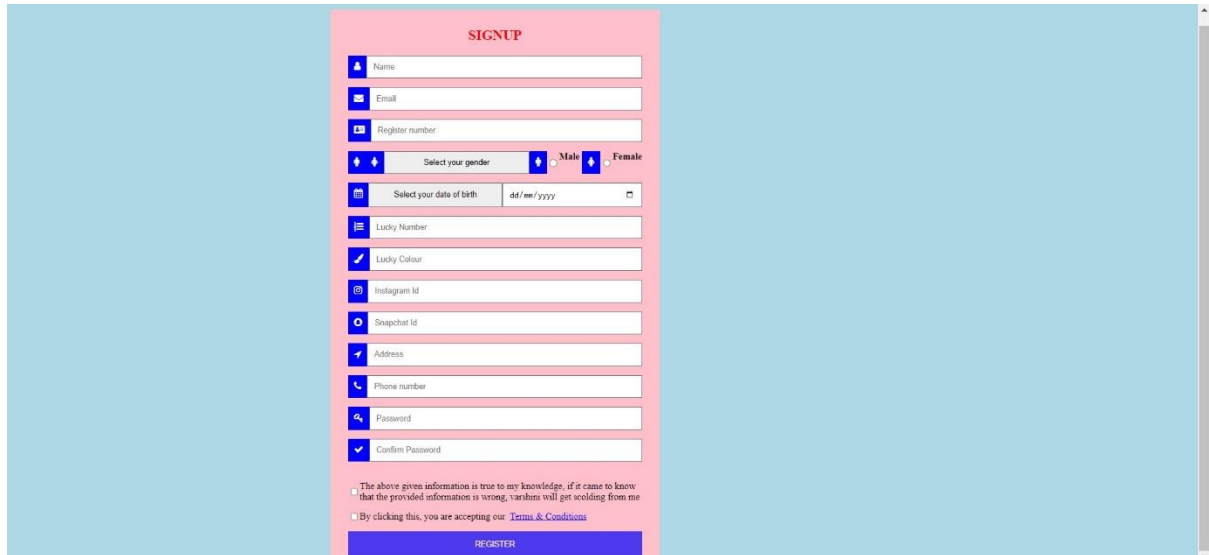


## Implementing Web Application

Date	23 August 2022
Team ID	PNT2022TMID02641
Project Name	Project – Customer Care Registry

### 1. Create UI to interact with application

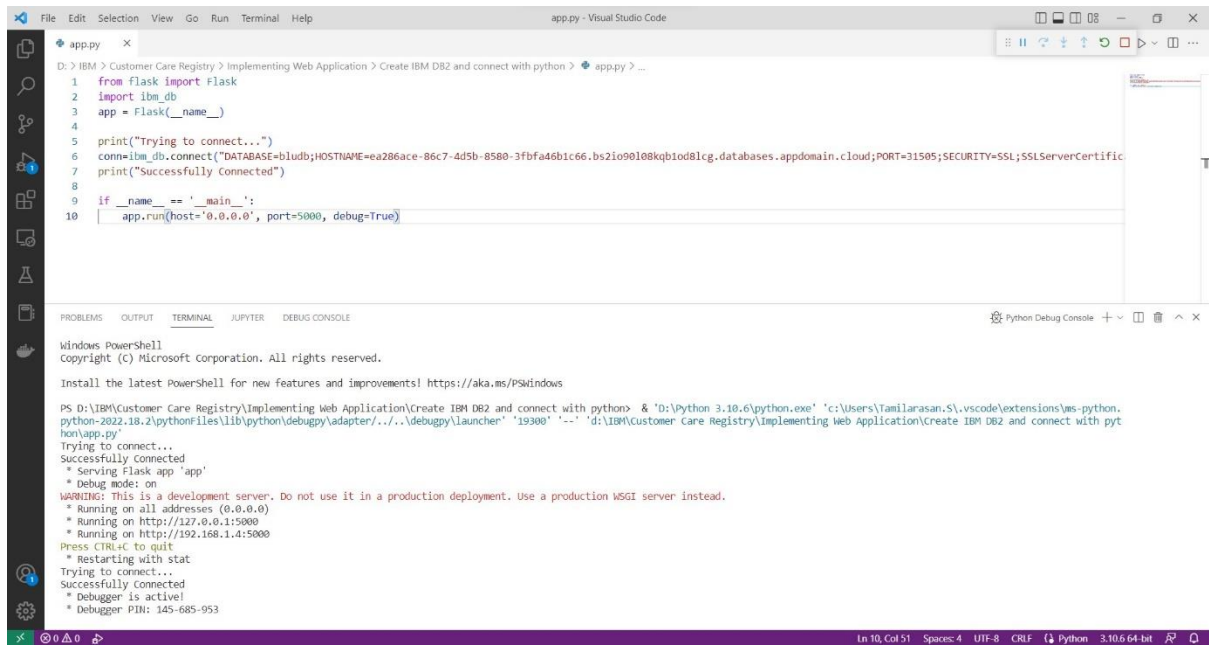


A vertical pink form titled "SIGNUP" is centered on a light blue background. The form contains the following fields and elements from top to bottom: a Name field with a person icon; an Email field with an envelope icon; a Register number field with a document icon; a gender selection with "Select your gender" text and "Male" and "Female" radio buttons; a date of birth field with "Select your date of birth" text and a "dd/mm/yyyy" placeholder; a Lucky Number field with a list icon; a Lucky Colour field with a checkmark icon; an Instagram Id field with an Instagram icon; a Snapchat Id field with a Snapchat icon; an Address field with a location pin icon; a Phone number field with a phone icon; a Password field with a key icon; and a Confirm Password field with a checkmark icon. Below the fields are two checkboxes: "The above given information is true to my knowledge, if it came to know that the provided information is wrong, varshini will get scolding from me" and "By clicking this, you are accepting our [Terms & Conditions](#)". At the bottom is a blue "REGISTER" button.



A vertical pink form titled "SIGN IN" is centered on a light blue background. The form contains the following fields and elements from top to bottom: a Register number field with a document icon; a Password field with a key icon; a blue "SIGN IN" button; and two links: "Forgot Password?" and "New User?". The form is flanked by two identical illustrations of a woman in a white shirt and blue pants, holding a phone to her face, set against a light brown background.

## 2. Create IBM DB2 and connect with python



The screenshot shows the Visual Studio Code interface with a Python file named `app.py` open. The code in the editor is as follows:

```
1 from flask import Flask
2 import ibm_db
3 app = Flask(__name__)
4
5 print("Trying to connect...")
6 conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=ea286ace-86c7-4d5b-8580-3fbfa46b1c66.bs2io90l08qb1od81cg.databases.appdomain.cloud;PORT=31505;SECURITY=SSL;SSLServerCertificate=D:\\ibm\\cert\\cert.pem")
7 print("Successfully Connected")
8
9 if __name__ == '__main__':
10     app.run(host='0.0.0.0', port=5000, debug=True)
```

The bottom panel shows the `TERMINAL` output, which includes the PowerShell prompt, the command to run the application, and the output of the script:

```
PS D:\IBM\Customer Care Registry\Implementing Web Application>Create IBM DB2 and connect with python> & 'D:\Python 3.10.6\python.exe' 'c:\Users\Tamilarasam.S\vscode\extensions\ms-python.python-2022.18.2\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '19300' '-...' 'd:\IBM\Customer Care Registry\Implementing Web Application\create IBM DB2 and connect with python\app.py'
Trying to connect...
Successfully Connected
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://192.168.1.4:5000
Press CTRL+C to quit
* Restarting with stat
Trying to connect...
Successfully Connected
* Debugger is active!
* Debugger PIN: 145-685-953
```

The status bar at the bottom indicates the file is at line 10, column 51, with 4 spaces, UTF-8 encoding, CRLF line endings, and is being run with Python 3.10.6 64-bit.