

Project Development Phase

Sprint -2

Date	14-10-2022
Team ID	PTN2022TMID41218
Project Name	NEWS TRACKER APPLICATION

The screenshot displays a development environment with a code editor and a database interface.

Code Editor (Sublime Text): The file `app.py` is open, showing the following code:

```

1 from turtle import
2 from flask import Flask, render_template, request, redirect, url_for, session
3 from markupsafe import escape
4
5 import ibm_db
6 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=0c77d6f2-5da9-48a9-81f8-86b520b87518.bs2io90108kqb1od81cg.databases.appdomain.cloud;PORT=31198;S
7
8 app = Flask(__name__)
9 @app.route("/")
10 def home():
11     return render_template("index.html")
12
13 @app.route("/index")
14 def index():
15     return render_template("index.html")
16
17
18 @app.route('/addmember', methods = ['POST', 'GET'])
19 def addmember():
20     if request.method == 'POST':
21         name = request.form['name']
22         email = request.form['email']
23         password = request.form['password']
24         con_password = request.form['con-password']
25         sql = "SELECT * FROM NEWSTRACKER WHERE name =?"
26         stmt = ibm_db.prepare(conn, sql)
27         ibm_db.bind_param(stmt, 1, name)
28         ibm_db.execute(stmt)
29         account = ibm_db.fetch_assoc(stmt)
30         if account:
31             return render_template("inner-page.html", msg="You are already a member, please login using your details")
32         else:
33             insert_sql = "INSERT INTO NEWSTRACKER VALUES (?, ?, ?, ?)"
34             prep_stmt = ibm_db.prepare(conn, insert_sql)
35             ibm_db.bind_param(prepare_stmt, 1, name)
36             ibm_db.bind_param(prepare_stmt, 2, email)
37             ibm_db.bind_param(prepare_stmt, 3, password)
38             ibm_db.bind_param(prepare_stmt, 4, con_password)
39             ibm_db.execute(prepare_stmt)
40             return render_template("signin.html", request="successfully created")
41

```

Database Interface (IBM Db2 on Cloud): The interface shows the table `HTD44349.NEWSTRACKER`. The table structure and data are as follows:

NAME	EMAIL	PASSWORD	CON_PASSWORD
Abdul	ab@gmail.com	ab200126	ab200126
natraj	natraj@gmail.com	natrajnat	natrajnat
thiyanes	thiyaneswar@gmail.com	return render_template("signin.html")	return render_template("signin.html")

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<input type="checkbox"/>	Object name	Archived	Size	Last modified	
<input type="checkbox"/>	assets/css/style.css		24.9 KB	2022-11-14 7:50 PM	
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<input type="checkbox"/>	assets/_a-bg.jpg		267.3 KB	2022-11-14 7:49 PM	
<input type="checkbox"/>	assets/img/hero.jpg		2.5 MB	2022-11-14 7:50 PM	
<input type="checkbox"/>	assets/img/logo.png		36.4 KB	2022-11-14 7:50 PM	
<input type="checkbox"/>	assets/img/...ortfolio-1.jpg		67.1 KB	2022-11-14 7:50 PM	
<input type="checkbox"/>	assets/img/...ortfolio-2.jpg		154.0 KB	2022-11-14 7:50 PM	
<input type="checkbox"/>	assets/img/...ortfolio-3.jpg		73.4 KB	2022-11-14 7:50 PM	

Verify your identity

IBM Documentation

127.0.0.1:5000/signup

Flask Read from a D

flask-with-ibm-db2

flask-with-ibm-db2

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AKAV

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