

## Project Development - Delivery of Sprint-1

Team ID	PNT2022TMID43386
Project Name	News Tracker Application

### Sprint-1 Deliverables

1. Created a login and signup page (index.html)
2. Created routes for login and signup.
3. Connected ibm\_db with login and signup page.

### app.py

```
from glob import escape
from flask import Flask, render_template, request, redirect, url_for, session
import ibm_dbfrom glob import escape
from flask import Flask, render_template, request, redirect, url_for, session
import ibm_db

conn=ibm_db.connect("DATABASE=bludb; HOSTNAME=824dfd4d-99de-440d-9991-
629c01b3832d.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=30119;SECURIT
Y=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=prg16100;PWD=3Td3EFQT
g7f08bD",' ',' ')
app = Flask(__name__)

@app.route('/')
def login():
    return render_template('index.html')

@app.route('/login',methods = ['POST'])
def getUser():
    if request.method == 'POST':
        user = request.form['uname']
        password = request.form['upwd']
        sql = "SELECT * FROM data where username = ?"
        stmt = ibm_db.prepare(conn, sql)
        email = user
        # Explicitly bind parameters
        ibm_db.bind_param(stmt, 1,user)
        ibm_db.execute(stmt)
        dictionary = ibm_db.fetch_assoc(stmt)
        pwd = dictionary["PASSWORD"]
        if password != pwd:
            return render_template('error.html')
```

```

        return render_template('home.html')

@app.route('/signup', methods = ['POST'])
def storedUser():
    if request.method == 'POST':
        username = request.form['username']
        mail = request.form['mail']
        npwd = request.form['npwd']
        cpwd = request.form['cpwd']

        res = username + mail + npwd + cpwd

        if npwd != cpwd:
            return render_template('index.html')

        sql = "INSERT INTO data (UserName,Email,password,confirmpassword)
VALUES(?,?,?,?);"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt, 1, username)
        ibm_db.bind_param(stmt, 2, mail)
        ibm_db.bind_param(stmt, 3, npwd)
        ibm_db.bind_param(stmt, 4, cpwd)
        ibm_db.execute(stmt)
        return render_template('index.html')

if __name__ == "__main__":
    app.run(debug=True)

```

## index.html

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <script
      src="https://kit.fontawesome.com/64d58efce2.js"
      crossorigin="anonymous"
    ></script>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Overpass">
    <link rel="stylesheet" href="{{ url_for('static',
filename='assets/css/style2.css') }}">

    <title>Sign in & Sign up Form</title>
  </head>
  <body>
    <div class="container">

```

```

<div class="forms-container">
  <div class="signin-signup">

    <form action="/login" class="sign-in-form" method="post">
      <h2 class="title"><span class="logo">Sign in</span></h2>
      <div class="input-field">
        <i class="fas fa-user"></i>
        <input type="text" placeholder="Username" name="uname" />
      </div>
      <div class="input-field">
        <i class="fas fa-lock"></i>
        <input type="password" placeholder="Password" name="upwd" />
      </div>
      <input type="submit" value="Login" class="btn solid" />
    </form>

    <form action="/signup" class="sign-up-form" method="post">
      <h2 class="title"><span class="logo">Sign up</span></h2>
      <div class="input-field">
        <i class="fas fa-user"></i>
        <input type="text" placeholder="Username" name="username"/>
      </div>
      <div class="input-field">
        <i class="fas fa-envelope"></i>
        <input type="email" placeholder="Email" name="mail" />
      </div>
      <div class="input-field">
        <i class="fas fa-lock"></i>
        <input type="password" placeholder="Password" name="npwd" />
      </div>
      <div class="input-field">
        <i class="fas fa-lock"></i>
        <input type="password" placeholder="Confirm Password"
name="cpwd"/>
      </div>
      <input type="submit" class="btn" value="Sign up" />
    </form>
  </div>
</div>

<div class="panels-container">
  <div class="panel left-panel">
    <div class="content">
      <h3>New here ?</h3>
      <p>
        Don't have an account yet ? Sign up and get access to all our
services.

```

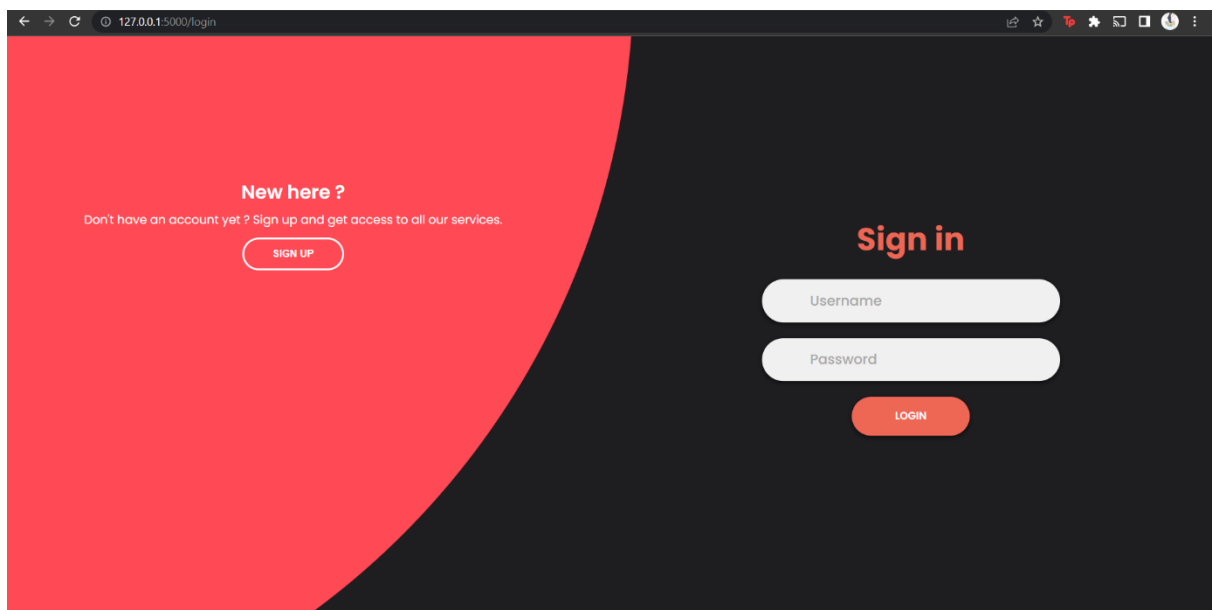
```

        </p>
        <button class="btn transparent" id="sign-up-btn">
            Sign up
        </button>
    </div>
    
</div>
<div class="panel right-panel">
    <div class="content">
        <h3>One of us ?</h3>
        <p>
            Already made an account here? Sign in and get access to all our
services.
        </p>
        <button class="btn transparent" id="sign-in-btn">
            Sign in
        </button>
    </div>
    
</div>
</div>
</div>

    <script src="{{ url_for('static', filename='js/app.js') }}"></script>
</body>
</html>

```

## Output:



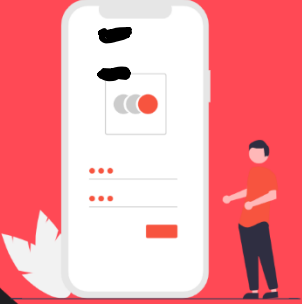
## Sign up

SIGN UP

### One of us ?

Already made an account here? Sign in and get access to all our services.

SIGN IN



IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTsSequencesApplication objects

PRG16100.NTAACBack

Export to CSV

FULLNAME	USERNAME	EMAIL	PASSWORD
aaa	19ec101@psgitech.ac.in	Aishvarya	aaa
abcd	aishvaryaekar1@gmail.com	abcd	abcd