ASSIGNMENT-2

Project Name: Personal Expense Tracker

Team ID: PNT2022TMID13651

Roll Number: 621319205037

Student Name: Ragavi S

Solution:

HTML File

```html
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css">
```

```html
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/particlesjs/2.2.3/particles.min.js"
>

</head>

<style>

    body{

        background:linear-gradient(to right,#c9522d,#f64c72);

        background-attachment: fixed;

        background-repeat: no-repeat;

        background-size: cover;

        margin: 0;

        padding: 0;

    }
.form-control, .form-control:focus ,.input-group-addon{

border-color:  aliceblue;

border-radius: 0;

}
.signup{

    width: 360px;

    margin: 0 auto;

    padding: 50px 0;

}
```

```css
.signup h2{
    color: #fd614d;
    text-align: center;
    margin: 0 0 20px;
}
.signup form{
   border-radius: 1px;
   margin-bottom: 15px;

   background-color: rgba(0,0,0,0.7) !important;
   border: 1px solid none;
   box-shadow: 0px 2px 2px rgba(0,0,0,0.3);
   padding: 30px;

}
.signup .form-group{
    margin-bottom: 30px;
}
.signup .form-control{
   min-height: 38px;
        box-shadow: none !important;
        border-width: 0 0 1px 0;
}
```

```css
.form-control{
    background-color: transparent;
    color: #fd614d;
}
.form-control:hover {
    background-color: transparent;
    color: aliceblue;
    overflow: hidden;
    text-decoration: none;
}
.signup .input-group-addon{
    max-width: 42px;
    text-align: center;
    background: none;
    border-bottom: 1px solid aliceblue;
    padding-left: 5px;
}
.input-group-addon{
    font-size: 30px;
}
.btn{
    background: linear-gradient(259deg,#f64,#f64c72);
        border: none;
```

```css
    text-align: center;

        padding: 3%s;

    font-size: 16px;

    font-weight: bold;

        color: aliceblue;

}
.btn:hover{

        background: aliceblue;

border: none;

color: aliceblue;

color: #fd614d;

}
 .fa{

    color:  aliceblue;

}
.signup .fa-envelope{

    font-size: 23px;

    color: aliceblue;

}
a{

        color: aliceblue;

        text-decoration: none;

}
```

```
a:hover{

     color:#664a71;

     text-decoration: none;

}
</style>
   <body>
      <div class="signup">
        <form action="{{url_for(result)}}" method="post">
        <h2>LOGIN</h2>
          <div class="form-group">
          <div class="input-group">
            <span class="input-group-addon"><i class="fa fa-envelope"></i></span>
            <input type="email" name="email"  class=" form-control"placeholder="Email" required>
          </div>
        </div>
<div class="form-group">
        <div class="input-group">
          <span class="input-group-addon"><i class="fa fa-lock"></i></span>
          <input type="password" name="password"  class=" form-control"placeholder="password" required>
        </div>
```

```html
        </div>

        <div class="form-group">

            <button type="submit" class="btn btn-primary btn-lg btn-block">Login</button>

        </div>

        </form>

    </div>

  </body>

</html>
```

Database connectivity:

```python
import ibm_db

def display(conn):
    sql="SELECT * FROM USER"
    stmt = ibm_db.exec_immediate(conn,sql)
    dictionary = ibm_db.fetch_both(stmt)
    while dictionary != False:
        print ("The roll no is : ",  dictionary["ROLLNO"])
        print ("The Name is : ", dictionary["USERNAME"])
        print ("The Email no is : ",  dictionary["EMAIL"])
        print ("The Password is : ", dictionary["PASSWORD"],"\n")
        dictionary = ibm_db.fetch_both(stmt)
```

```python
def Insert(conn,rollno,name,email,password):

    sql="INSERT                    INTO                    USER
VALUES('{}','{}','{}','{}')".format(rollno,name,email,password)

    stmt=ibm_db.exec_immediate(conn,sql)

    print("The Number if affected rows: ", ibm_db.num_rows(stmt),"\n")




def Update(conn,rollno,name,email,password):

    sql="UPDATE    Users    SET        ROLLNO    ='{}',        WHERE
USERNAME='{};".format(rollno,name)

    stmt=ibm_db.exec_immediate(conn,sql)

    print("The Number if affected rows: ", ibm_db.num_rows(stmt),"\n")


try:

    conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=2f3279a5-
73d1-4859-88f0-
a6c3e6b4b907.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud;POR
T=30756;SECURITY=SSL;
SSLServerCertificateDigiCertGlobalRootCA.crt;PROTOCOL=TCPIP;UID=n
hl80748;PWD=3yD0G9e6VuQHsOBX;", "", "")

    print("connection Success")

    display(conn)


Insert(conn,"621319205037","Ragavi","sragavi100@gmail.com","euyfuis")

    display(conn)
```

```python
except:
    print("couldn't connect")
```

Python File:

```python
import sys
sys.path.append('/workspace/python_db/dbconn.py')
from urllib import request
from flask import Flask,render_template,url_for


app = Flask(__name__)
@app.route("/")
def homepage():
    return render_template("index.html")


@app.route("/result",methods=['POST'])
def send_data():
    name=request.form['email']
    #dbconn.Insert_values()
    return "hello"
if __name__=="__main__":
    app.run(debug=True)
```

Output: