



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

IV YEAR / VII SEMESTER (ODD)

BATCH: 2019-2023

ACADEMIC YEAR 2022-2023

ASSIGNMENT - I

TEAM ID : PNT2022TMID48723

TITLE OF THE PROJECT : Personal Expense Tracker Application

DOMIN : Cloud Application Development

TEAM LEAD : V. Govindharaj

TEAM MEMBER : G. Padmesh

TEAM MEMBER : K. Panneerselvam

TEAM MEMBER : M.S. Vishnu

INDUSTRY MENTOR : Khusboo

FACULTY MENTOR(S) NAME : M.Geethapriya

⚙️ SETTINGS

Guided Project

Project Workspace

Chat with Mentor

Project Title : Personal Expense Tracker Application

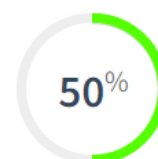
Team



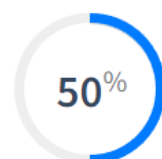
Industry Mentor(s) Name : Khusboo

Faculty Mentor(s) Name : M GEETHAPRIYA

Overall Project
Progress



Assigned Tasks
Progress



Assignment - II

Assignment2.py

```
import ibm_db

dictionary={ }

def printTableData(conn):

    sql = "SELECT * FROM userdetails"

    out = ibm_db.exec_immediate(conn, sql)

    document = ibm_db.fetch_assoc(out)

    while document != False:

        dictionary.update({ document['USERNAME']:document['PASSWORD']})

        document = ibm_db.fetch_assoc(out)

    def insertTableData(conn,rollno,username,email,password):

        sql="INSERT INTO userdetails(rollno,username,email,password) VALUES

        ({},'{'','{'','{'})".format(rollno,username,email,password)

        out = ibm_db.exec_immediate(conn,sql)

        print('Number of affected rows : ',ibm_db.num_rows(out),"\\n")

    def updateTableData(conn,rollno,username,email,password):

        sql = "UPDATE userdetails SET (username,email,password)=({'','{'','{'}) WHERE

        rollno={ }".format(username,email,password,rollno)

        out = ibm_db.exec_immediate(conn, sql)

        print('Number of affected rows : ', ibm_db.num_rows(out), "\\n")

    def deleteTableData(conn,username):

        sql = "DELETE FROM userdetails WHERE username={ }".format(username)

        out = ibm_db.exec_immediate(conn, sql)

        print('Number of affected rows : ', ibm_db.num_rows(out), "\\n")

    try:

        conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=ba99a9e6-d59e-4883-8fc0-

        d6a8c9f7a08f.c1ogj3sd0tgu0lqde00.databases.appdomain.cloud;PORT=31321;SECURITY

        =SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;PROTOCOL=TCPIP;UID=c1l3376

        1;PWD=JHRHpRtT82zDR0z6;", "", "")

        print("Db connected")

    except:

        print("Error")

    from flask import *

    app=Flask(__name__)

    @app.route("/")

    @app.route("/login",methods=['POST','GET'])
```

```
def login(pbkdf2_sha256=None):
if request.method=="POST":
printTableData(conn)
username=request.form['username']
password=request.form['password']
if dictionary[username] == password:
return render_template('user.html',uname=username)
return render_template('loginpage.html')
@app.route("/register",methods=['POST','GET'])
def register():
if request.method=="POST":
rollno = request.form['rollno']
username = request.form['username']
email = request.form['email']
password = request.form['password']
insertTableData(conn, rollno, username, email, password)
#printTableData(conn)
return render_template('loginpage.html')
return render_template('registerpage.html')
@app.route("/delected")
def delected():
return render_template('delectuser.html')
@app.route("/logout")
def logout():
return redirect(url_for('login'))
#printTableData(conn)
#print(dictionary)
if __name__=="__main__":
app.run(debug=True)
Loginpage.html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkVYIK3UENzmM7KChRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN
" crossorigin="anonymous"></script>
```

```
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"
integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js"
integrity="sha384-
JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI"
crossorigin="anonymous"></script>

<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

<title>Login Page</title>

<style type="text/css">

body{

background-color: "white";

}

<!-- .msg,.login{-->
<!-- text-align: center;-->
<!-- margin-top: 25px;-->
<!-- margin-bottom:25px;-->
<!-- }-->

form{

width: 30%;

}

.center {

position: absolute;

left: 0;

right: 0;

margin-left: 900px;

margin-top: 150px;

}

img{

height: 400px;

width: auto;

position: absolute;
```

```
margin-left: 100px;
margin-top: 200px;
}

.
.login:before {
content: "";
flex: 1;
height: 1px;
background: #eee;
}
</style>
</head>
<body>

<br>
<div>
<form action="/login" method="POST" class="center">
<div class="form-group">
<h3 class="login">Login</h3>
<label for="exampleInputEmail1">User Name</label>
<input type="text" name="username" class="form-control"
id="exampleInputEmail1" placeholder="Enter Username">
<div class="form-group">
<label for="exampleInputPassword1">Password</label>
<input type="password" name="password" class="form-control"
id="exampleInputPassword1" placeholder="Password">
</div>
<div>
New User ? Click to <a href="{ {url_for('register') }}">Sign-Up</a>
<br>
<button type="submit" class="btn btn-primary">Submit</button>
</form>
</div></body></html>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
```

```
<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkVYIK3UENzmM7KChRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN
" crossorigin="anonymous"></script>
<script
src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"
integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js"
integrity="sha384-
JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI"
crossorigin="anonymous"></script>
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm
" crossorigin="anonymous">
<title>Register page</title>
<style type="text/css">
Registerpage.html
body{
background-color: #EAF6F6;
}
.msg,.login{
text-align: center;
margin-top: 25px;
margin-bottom:25px;
}
form{
width: 30%;
}
.center {
position: absolute;
margin-left: 900px;
margin-top: 200px;
}
```

```
img{
position: absolute;
margin-top: 100px;
}
</style>
</head>
<body>

<form action="/register" method="POST" class="center">
<div class="form-group">
<label for="exampleInputUsername">Roll Number</label>
<input type="number" name="rollno" class="form-control"
id="exampleInputRollNo" aria-describedby="emailHelp" placeholder="Enter Roll
Number">
</div>
<div class="form-group">
<label for="exampleInputUsername">User Name</label>
<input type="text" name="username" class="form-control"
id="exampleInputUsername" aria-describedby="emailHelp" placeholder="Enter
Username">
</div>
<div class="form-group">
<label for="exampleInputEmail">Email</label>
<input type="text" name="email" class="form-control" id="exampleInputEmail"
aria-describedby="emailHelp" placeholder="Enter Username">
</div>
<div class="form-group">
<label for="exampleInputPassword">Password</label>
<input type="password" name="password" class="form-control"
id="exampleInputPassword" placeholder="Password">
</div>
<div>
Already a User ? Click to <a href="{{url_for('login')}}">Login</a>
</div>
<br>
<button type="submit" class="btn btn-primary">Submit</button>
```

```
</form>

</body>

</html>

<html>

<head>

<title>User Page</title>

<link rel="stylesheet" href="{ {url_for('static',filename='css/bootstrap.min.css')}}">

<script src="{ {url_for('static',filename='js/jquery.min.js')}}"></script>

</head>

<body>

<div class="container">

<div class="col-md-5">

<h3 class="page-header text-info">User Page</h3>

<h3 ><marquee behavior="scroll" direction="left">Welcome

{{uname}}</marquee></h3><hr>

<h4> <a href="{ {url_for('delete')}}">Delete</h4>

<h4><a href="{ {url_for('logout')}}">Logout</a></h4>

</div>

</div>

</body>

</html>
```

User.html

Output Screenshot:

