



N.S.N. COLLEGE OF ENGINEERING AND TECHNOLOGY

N.S.N. Kalvi Nagar, NH-7, Manalmedu, Karur - 639 003, TN, India.
(Approved by AICTE New Delhi, Affiliated to Anna University, Chennai)
(An ISO 9001:2008 Certified Institution)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

IV YEAR / VII SEMESTER (ODD)

BATCH: 2019-2023

ACADEMIC YEAR 2022-2023

ASSIGNMENT - II

TEAM ID : PNT2022TMID48755

TITLE OF THE PROJECT : Skill / Job Recommendor Application

DOMIN : Cloud Application Development

TEAM LEAD : K.Prathap

TEAM MEMBER : P.Karthikeyan

TEAM MEMBER : M.Santhosh

TEAM MEMBER : N.Suthan

INDUSTRY MENTOR : Krishna Chaitanya

FACULTY MENTOR(S) NAME : A. Kalaiyarasi

Guided Project

Project Workspace

Chat with Mentor

Project Title : Skill / Job Recommendor Application

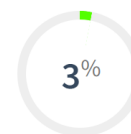
Team



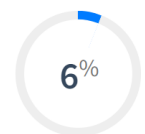
Industry Mentor(s) Name : Krishna Chaitanya

Faculty Mentor(s) Name : A KALAIYARASI

Overall Project Progress



Assigned Tasks Progress



GENERAL INSTRUCTION

SHOW

Git Repo

Project Doc

Demo Link

View Mentor Comments

Assign Task

Note: Use password vb7hu18 to access project Doc

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.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=31321;SECURITY  
=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;PROTOCOL=TCPIP;UID=cll3376  
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-
KJ3o2DKtIkVYIK3UENzmM7KCKRr/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+76PVCmYl"
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>
```

Registerpage.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+76PVCmYl"
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">
```



```
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>
```

User.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>
```

Output Screenshot:

