



# **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 : PNT2022TMID48741

TITLE OF THE PROJECT : INVENTORY MANAGEMENT SYSTEM FOR RETAILERS

DOMIN : CLOUD APPLICATION DEVELOPMENT

TEAM LEAD : S.REVATHI

TEAM MEMBER : L.SHARMILA

TEAM MEMBER : P.PRIYADHARSHINI

TEAM MEMBER :N.KANCHANA

TEAM MEMBER :K.SWETHA

INDUSTRY MENTOR : Krishna Chaitanya

FACULTY MENTOR(S) NAME : A. Kalaiyarasi

## ASSIGNMENT-II:

```
import ibm_dbdictionary={}

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=cIl33761;PWD=JHRHpRtT82zDR0z6;", "", "")

        print("Db connected")
```

except:

print("Error")

from flask import \*app=Flask( name )

@app.route("/")@app.route("/login",methods=['POST','GET'])deflogin(pbkdf2\_sha256=None):

ifrequest.method=="POST":printTableData(conn)username=request.form['username']password=request.form['password']ifdictionary[username]==password:

returnrender\_template('user.html',uname=username)returnrender\_template('loginpage.html')

@app.route("/register",methods=['POST','GET'])defregister():

ifrequest.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)

returnrender\_template('loginpage.html')returnrender\_template('registerpage.html')@app.route("/delected")

defdelected():

returnrender\_template('delectuser.html')@app.route("/logout")

deflogout():

returnredirect(url\_for('login'))

#printTableData(conn)#print(dictionary)

if name == "main ":app.run(debug=True)

Loginpage.html

<!DOCTYPEhtml>

```
<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="anon
ymous"></script>

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

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

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

<title>LoginPage</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>
```

```
<imgsrc="user.jpg"alt="">
```

```
<br>
```

```
<div>
```

```
<formaction="/login"method="POST"class="center">
```

```
<divclass="form-group">
```

```
<h3class="login">Login</h3>
```

```
<labelfor="exampleInputEmail1">UserName</label>
```

```
<inputtype="text"name="username"class="form-  
control"id="exampleInputEmail1"placeholder="EnterUsername">
```

```
<divclass="form-group">
```

```
<labelfor="exampleInputPassword1">Password</label>
```

```
<inputtype="password"name="password"class="form-  
control"id="exampleInputPassword1"placeholder="Password">
```

```
</div>
```

```
<div>
```

```
NewUser?Clickto<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-
KJ3o2DKtIkvYIK3UENzmM7KCKRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN" crossorigin="anon
ymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js" integrity="sha3
84-
ApNbgh9B+Y1QKtV3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q" crossorigin="anony
mous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js" integrity="sha38
4-
JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI" crossorigin="anonym
ous"></script>

<link
rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css" int
egrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJISAwIGgFAW/dAiS6JXm" crossorigin="anon
ymous">

<title>Registerpage</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>
```

```
<imgsrc="https://mdbcdn.b-cdn.net/img/Photos/new-templates/bootstrap-login-form/draw2.webp"alt="">
```

```
<formaction="/register"method="POST"class="center">
```

```
<divclass="form-group">
```

```
<labelfor="exampleInputUsername">RollNumber</label>
```

```
<input type="number" name="rollno" class="form-control" id="exampleInputRollNo"aria-describedby="emailHelp"placeholder="EnterRollNumber">
```

```
</div>
```

```
<divclass="form-group">
```

```
<labelfor="exampleInputUsername">UserName</label>
```

```
<input type="text" name="username" class="form-control" id="exampleInputUsername"aria-describedby="emailHelp"placeholder="EnterUsername">
```

```
</div>
```

```

<divclass="form-group">

<label for="exampleInputEmail">Email</label>

<inputtype="text"name="email"class="form-control"id="exampleInputEmail"aria-
describedby="emailHelp"placeholder="EnterUsername">

</div>

<divclass="form-group">

<labelfor="exampleInputPassword">Password</label>

<inputtype="password"name="password"class="form-
control"id="exampleInputPassword"placeholder="Password">

</div>

<div>

AlreadyaUser?Clickto<ahref="{{url_for('login')}}">Login</a>

</div>

<br>

<buttontype="submit"class="btnbtn-primary">Submit</button>

</form>

</body>

</html>

```

User.html

```

<html>

<head>

<title>UserPage</title>

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

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

</head>

<body>

<divclass="container">

<divclass="col-md-5">

<h3class="page-headertext-info">UserPage</h3>

<h3><marqueebehavior="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:

