

Questions:

1. Create a UI to Interact

Login Page:

User Name:

Enter the name

Password:

enter password

Login

Register

Signup Page:

User Name:

Enter the name

Email:

Enter the email id

Phone no:

Enter the mobile no

Password:

enter password

Retype Password:


retype the password

SignUp

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Welcome to Fashion App




Shirts

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Pants

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T-Shirts

See more



Watches

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## 2. Create IBM DB2 and Connect with Python

```
import ibm_db
connection=ibm_db.connect("DATABASE=bludb;HOSTNAME=b1bc1829-6f45-4cd4-bef4-10cf081900bf.c1ogj3sd0tgtu0lqde00.databases.appdomain.
print(connection)
print("connection Successfully")
```

```
@app.route('/adduser',methods= ['POST','GET'])
def adduser():
    message=""
    if request.method=='POST':
        try:
            name= request.form['username']
            mail= request.form['mail']
            mobile= request.form['mobile']
            password= request.form['password']

            # with sql.connect("database.db") as con:
            #     cur= con.cursor()
            #     cur.execute('insert into user
values(?,?,?,?)',(name,mail,mobile,password))
            #     con.commit()
            #     message="User Registered"
            #     return redirect(url_for('login'))
            sql = "SELECT * FROM ACCOUNT WHERE USERNAME =?"
            stmt = ibm_db.prepare(connection, sql)
            ibm_db.bind_param(stmt,1,name)
            ibm_db.execute(stmt)
            account = ibm_db.fetch_assoc(stmt)

            if account:
                return render_template('list.html', msg="Account
Already Exists")
            else:
                command="INSERT INTO ACCOUNT
(USERNAME,EMAIL,PHONENO,PASSWORD) VALUES (?,?,?,?)"
                prep_stmt = ibm_db.prepare(connection, command)
                ibm_db.bind_param(prepare_stmt, 1, name)
                ibm_db.bind_param(prepare_stmt, 2, mail)
                ibm_db.bind_param(prepare_stmt, 3, mobile)
                ibm_db.bind_param(prepare_stmt, 4, password)
```

```

        ibm_db.execute(prepare_stmt)
        return render_template('login.html', msg="TRUE")

    except:
        con.rollback()
        message="error"
        return render_template("signup.html",error="TRUE")
# return jsonify({message})
# return render_template('signup.html')

@app.route("/check", methods=['POST', 'GET'])
def check():
    msg=""
    if request.method=='POST':
        username = request.form['username']
        password = request.form['password']

        account=""
        # con=sql.connect("database.db")
        # con.row_factory=sql.Row

        # cur =con.cursor()
        # cur.execute("SELECT * FROM user")

        # # rows= cur.fetchall()
        # cur.execute('SELECT * FROM user where name=? and
password=?', (username,password))
        # account = cur.fetchone()
        try:

            command= "SELECT * FROM ACCOUNT WHERE USERNAME =? AND
PASSWORD =?"

            stmt=ibm_db.prepare(connection,command)
            ibm_db.bind_param(stmt, 1, username)
            ibm_db.bind_param(stmt, 2, password)
            ibm_db.execute(stmt)
            result = ibm_db.fetch_assoc(stmt)
            while result !=False:
                account=result['USERNAME']

```

```

        result = ibm_db.fetch_assoc(stmt)
    if account:
        session['loggedin'] = True
        session['name'] = account
        return redirect(url_for('hello'))
    else:
        msg = "Incorrect username/password!"
        return render_template('login.html', msg=msg)
except:
    return render_template('login.html', msg="Account not
found")

#return render_template("list.html",rows=rows)

@app.route('/logout')
def logout():
    session.pop('loggedin', None)
    session.pop('name', None)
    return redirect(url_for('login'))

if __name__ == '__main__':
    app.run()

```

