ASSIGNMENT 3

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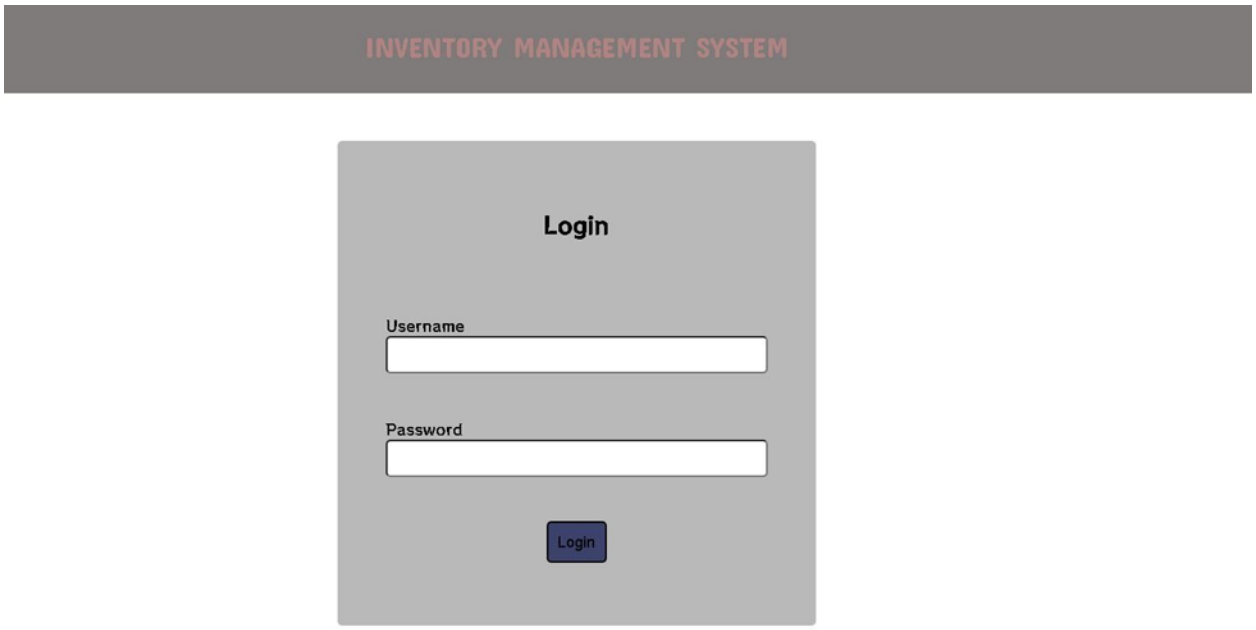
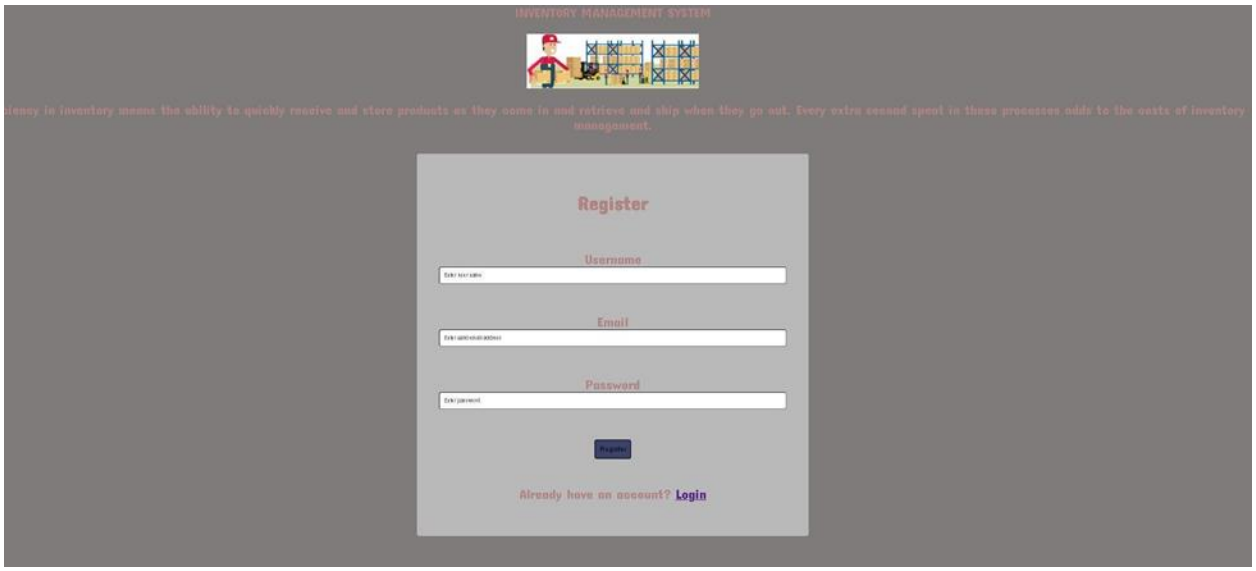
VV COLLEGE OF ENGINEERING

III- YEAR CSE

(TEAM MEMBER2)

Task 1


INVENTORY MANAGEMENT SYSTEM
Login
Username
Password
Login


INVENTORY MANAGEMENT SYSTEM
Register
Username
Email
Password
Already have an account? Login

Docker image to the IBM container registry

```
app.secret_key = 'a'
conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=54a2f15b-5c0f-46df-8
print("connected")
```

```
@app.route('/')
def home():
    return render_template('index.html')
@app.route('/home')
def home1():
    return render_template('index.html')
@app.route('/about')
def about():
    return render_template('index.html')
@app.route('/meme')
def mem():
    return render_template('meme.html')
@app.route('/login')
def login():
    return render_template('login.html')
@app.route('/register')
def register():
    return render_template('register.html')
@app.route('/logout')
def logout():
    return render_template('index.html')
```

```python
@app.route("/reg", methods=['POST', 'GET'])
def signup():
    msg = ''
    if request.method == 'POST':
        name = request.form["name"]
        email = request.form["email"]
        password = request.form["password"]
        sql = "SELECT * FROM REGISTER WHERE name= ?"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt, 1, name)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        print(account)
        if account:
            return render_template('login.html', error=True)
        elif not re.match(r'[^@]+@[^@]+\.[^@]+', email):
            msg = "Invalid Email Address!"
        else:
            insert_sql = "INSERT INTO REGISTER VALUES (?,?,?)"
            prep_stmt = ibm_db.prepare(conn, insert_sql)
            # this username & password should be same as db-2 details & order also
            ibm_db.bind_param(prep_stmt, 1, name)
            ibm_db.bind_param(prep_stmt, 2, email)
            ibm_db.bind_param(prep_stmt, 3, password)
            ibm_db.execute(prep_stmt)
            msg = "You have successfully registered !"
    return render_template('login.html', msg=msg)
```

```python
@app.route("/log", methods=['POST', 'GET'])
def login1():
    if request.method == "POST":
        email = request.form["email"]
        password = request.form["password"]
        sql = "SELECT * FROM REGISTER WHERE EMAIL=? AND PASSWORD=?"  # from db2 sql table
        stmt = ibm_db.prepare(conn, sql)
        # this username & password should be same as db-2 details & order also
        ibm_db.bind_param(stmt, 1, email)
        ibm_db.bind_param(stmt, 2, password)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        print(account)
        if account:
            session['Loggedin'] = True
            session['id'] = account['EMAIL']
            session['email'] = account['EMAIL']
            return render_template('meme.html')
        else:
            msg = "Incorrect Email/password"
            return render_template('login.html', msg=msg)
    else:
        return render_template('login.html')
```

```python
@app.route('/test', methods=['POST', 'GET'])
def meme():
    if request.method == 'POST':
        keywords = request.form["key"]
        print(keywords)
        url = "https://humor-jokes-and-memes.p.rapidapi.com/memes/search"

        querystring = {"keywords": keywords, "media-type": "image", "keywords-in-image": "false", "min-rating": "3",
                       "number": "2"}

        headers = {
            "X-RapidAPI-Key": "42114a62a7mshb20f7b5bef96ebep1e7842jsn2d4c884c1e23",
    "X-RapidAPI-Host": "humor-jokes-and-memes.p.rapidapi.com"}

        response = requests.request("GET", url, headers=headers, params=querystring)
        print(response.text)
        output = json.loads(response.text)
        print(output)
        op1 = output['memes'][0]['url']
        webbrowser.open(op1)
        op2 = output['memes'][1]['url']
        webbrowser.open(op2)
    return render_template('meme.html', output1=op1, output2=op2)
```

Output


SHPVIBE
About
Login
Register
Contact
The Meme Museum: A Curated Collection of Hilarity
Create awesome looking memes with The Meme Museum and share them with your friends. The Meme Museum is the first choice for all meme enthusiasts and anyone who wants to start exploring the world of memes.

Docker container using kubernets