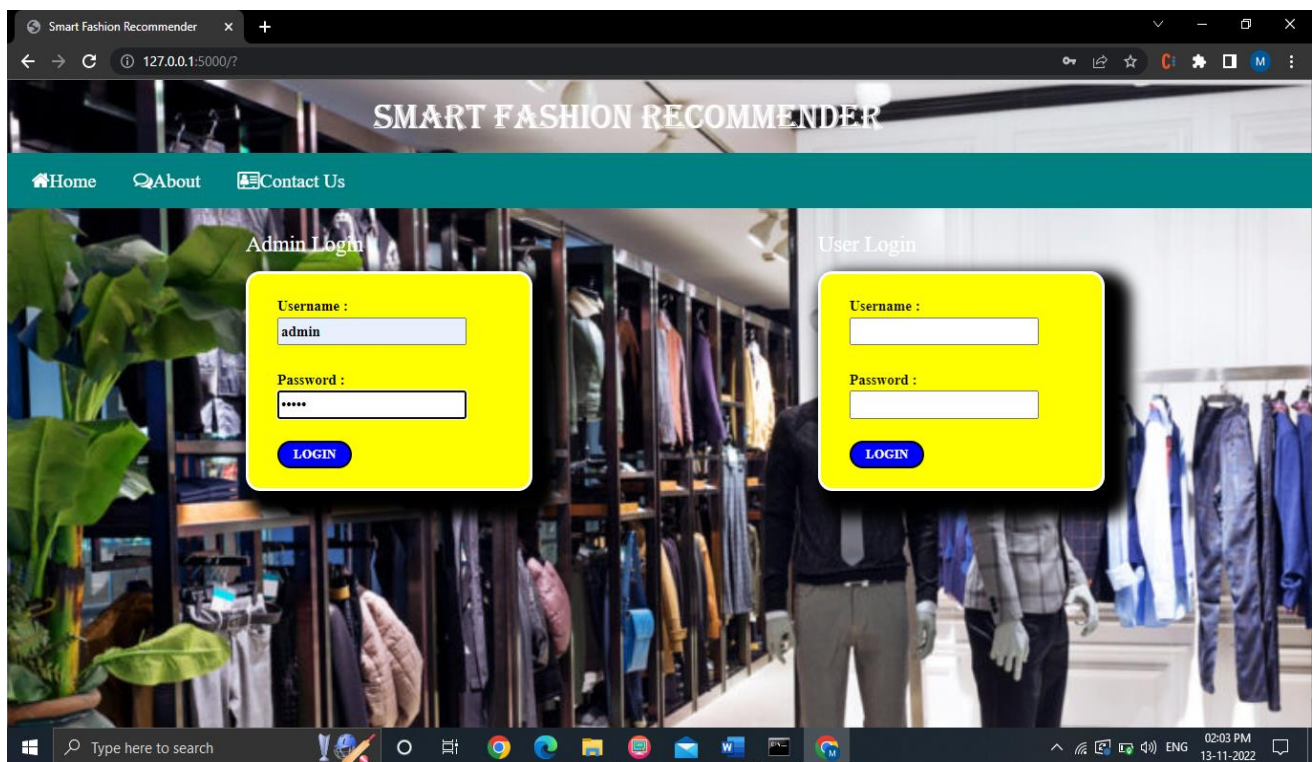


## PROJECT DEVELOPMENT PHASE

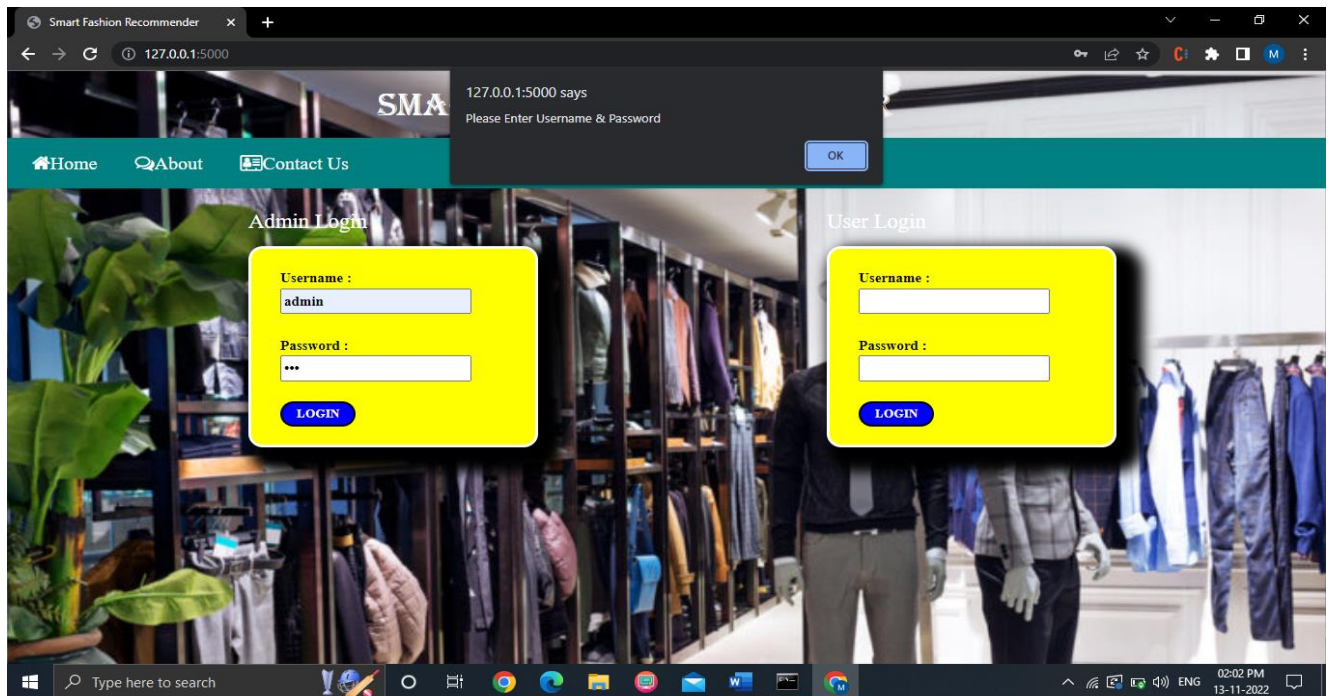
### SPRINT-2

Date	1 Nov 2022
Team ID	PNT2022TMID49741
Project Name	Smart Fashion Recommender Application
Team Members	M.Muthu Gopala Saravanan K.Muthu Pon Vijay J.Prasath M.Sudalai@Balan Sudhan

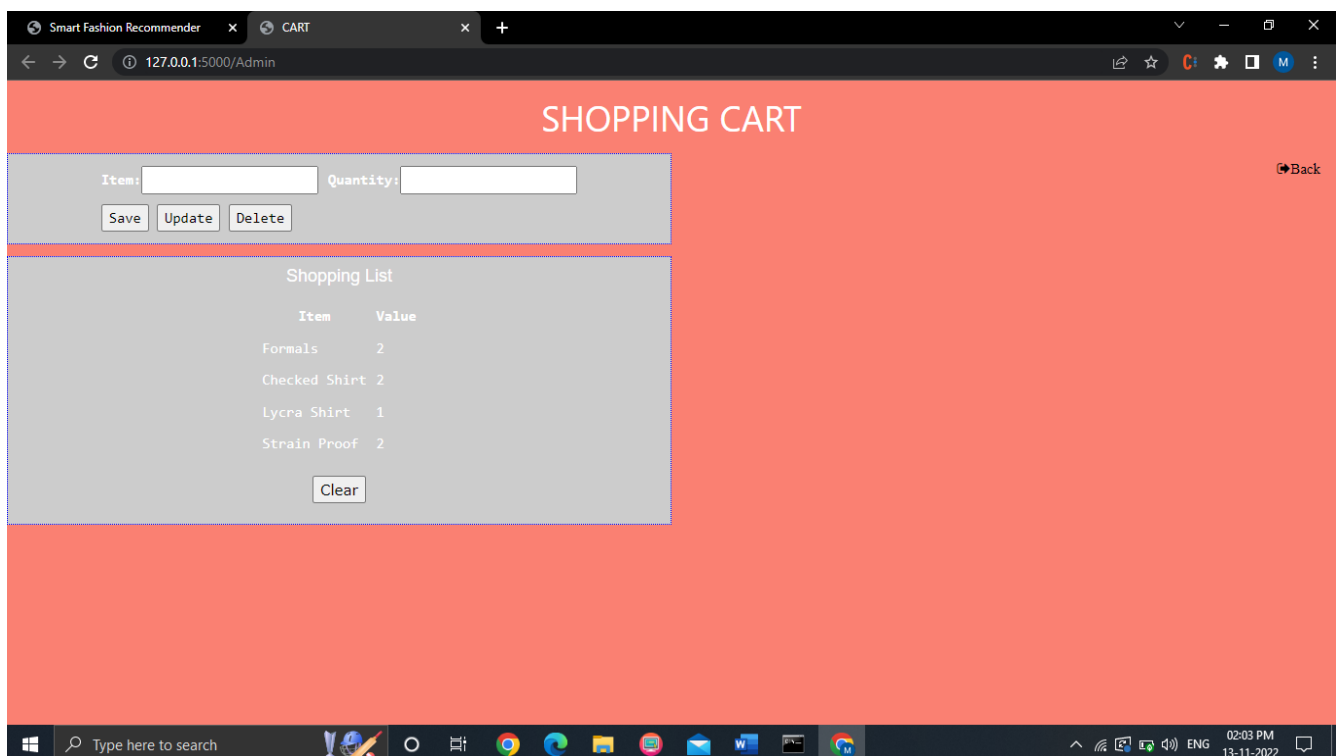
### Admin Login:



## Admin Should Enter the Correct Username & Password:



## View User Cart:



## Database Connection:

```
from flask import Flask , render_template , request , redirect , url_for , session
```

```
import ibm_db
```

```
import re
```

```
app = Flask(__name__)
```

```
app.secret_key = 'a'
```

```
conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=54a2f15b-5c0f-46df-8954-
```

```
7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32733  
;SECURITY=SSL;SSLServiceCertificate=certificate.crt;UID=jbh88994;PWD=  
5spa7S6qozz1mYub",",")
```

```
@app.route('/')
```

```
def homer():
```

```
    return render_template('home.html')
```

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

```
def login():
```

```
    global userid
```

```
    msg=" "
```

```
    if request.method == 'POST' :
```

```
        username = request.form['username']
```

```
        password = request.form['password']
```

```
        sql = "SELECT * FROM users WHERE username =? AND password=?"
```

```
        stmt = ibm_db.prepare(conn, sql)
```

```
        ibm_db.bind_param(stmt,1,username)
```

```
        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['USERNAME']
    userid= account['USERNAME']
    session['username'] = account['USERNAME']
    msg = 'Logged in successfully !'

    msg = 'Logged in successfully !'
    return render_template('dashboard.html', msg = msg)
else:
    msg = 'Incorrect username / password !'
return render_template('login.html', msg = msg)
@app.route('/register', methods=['GET', 'POST'])
def register():
    msg = " "
    if request.method == 'POST' :
        username = request.form['username']
        email = request.form['email']
        password = request.form['password']
        sql = "SELECT * FROM users WHERE username =?"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt,1,username)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        print(account)
        if account:

```

```

        msg = 'Account already exists !'
    elif not re.match(r'^@]+@^[^@]+\.[^@]+', email):
        msg = 'Invalid email address !'
    elif not re.match(r'[A-Za-z0-9]+', username):
        msg = 'name must contain only characters and numbers !'
    else:
        insert_sql = "INSERT INTO users VALUES (?, ?, ?)"
        prep_stmt = ibm_db.prepare(conn, insert_sql)
        ibm_db.bind_param(prepare_stmt, 1, username)
        ibm_db.bind_param(prepare_stmt, 2, email)
        ibm_db.bind_param(prepare_stmt, 3, password)
        ibm_db.execute(prepare_stmt)
        msg = 'You have successfully registered !'
    elif request.method == 'POST':
        msg = 'Please fill out the form !'
    return render_template('register.html', msg = msg)

@app.route('/dashboard')
def dash():
    return render_template('dashboard.html')

@app.route('/apply', methods=['GET', 'POST'])
def apply():
    msg = " "
    if request.method == 'POST' :
        username = request.form['username']
        email = request.form['email']
        qualification= request.form['qualification']
        skills = request.form['skills']
        jobs = request.form['s']

```

```

sql = "SELECT * FROM users WHERE username =?"
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt,1,username)
ibm_db.execute(stmt)
account = ibm_db.fetch_assoc(stmt)
print(account)
if account:
    msg = 'there is only 1 job position! for you'
    insert_sql = "INSERT INTO jobs VALUES (?, ?, ?, ?, ?)"
    prep_stmt = ibm_db.prepare(conn, insert_sql)
    ibm_db.bind_param(prepare_stmt, 1, username)
    ibm_db.bind_param(prepare_stmt, 2, email)
    ibm_db.bind_param(prepare_stmt, 3, qualification)
    ibm_db.bind_param(prepare_stmt, 4, skills)
    ibm_db.bind_param(prepare_stmt, 5, jobs)
    ibm_db.execute(prepare_stmt)
    msg = 'You have successfully applied for job !'
    session['loggedin'] = True
    return render_template('apply.html', msg = msg)
elif request.method == 'POST':
    msg = 'Please fill out the form !'
    return render_template('apply.html', msg = msg)

"""@app.route('/display')
def display():
    print(session["username"],session['id'])

cursor = mysql.connection.cursor()

```

```

        cursor.execute('SELECT * FROM job WHERE userid = % s', (session['id'],))
        account = cursor.fetchone()
        print("accountdisplay",account)
        return render_template('display.html',account = account)"""
@app.route('/logout')
def logout():
    session.pop('loggedin', None)
    session.pop('id', None)
    session.pop('username', None)
    return render_template('home.html')
if __name__ == '__main__':
    app.run(host='0.0.0.0')

```