PROJECT DEVELOPMENT PHASE
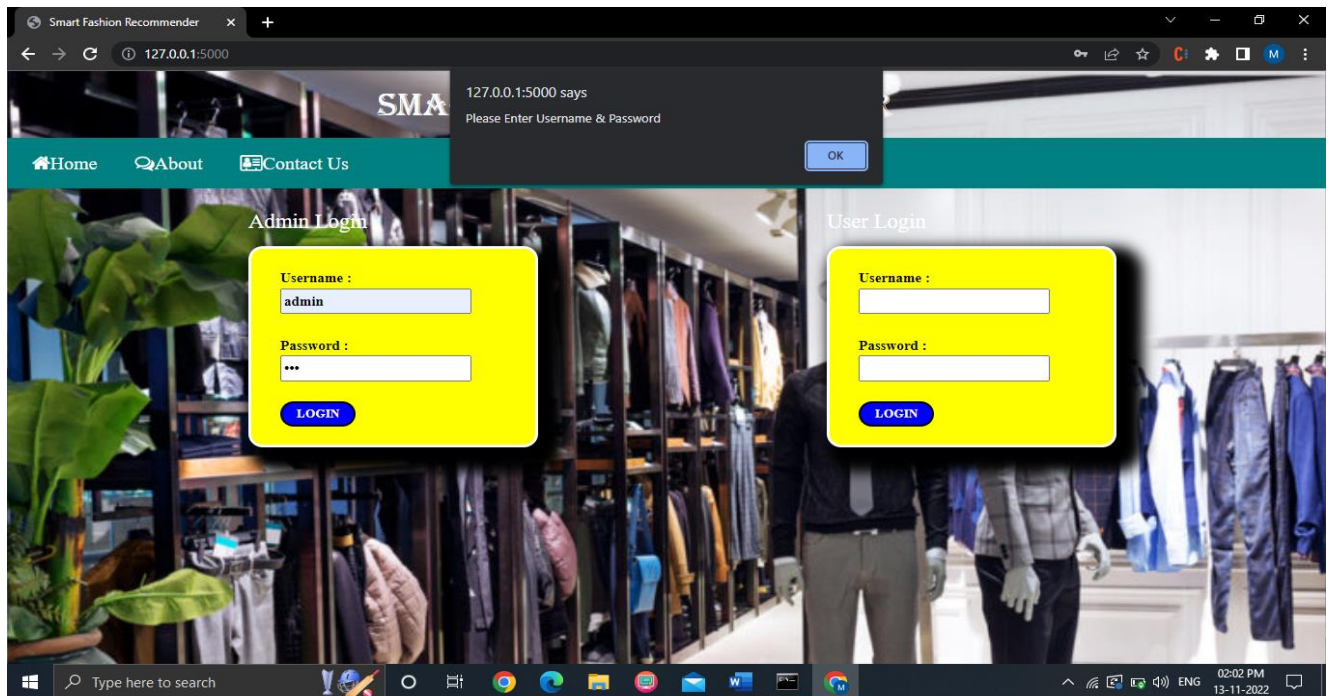
SPRINT-2

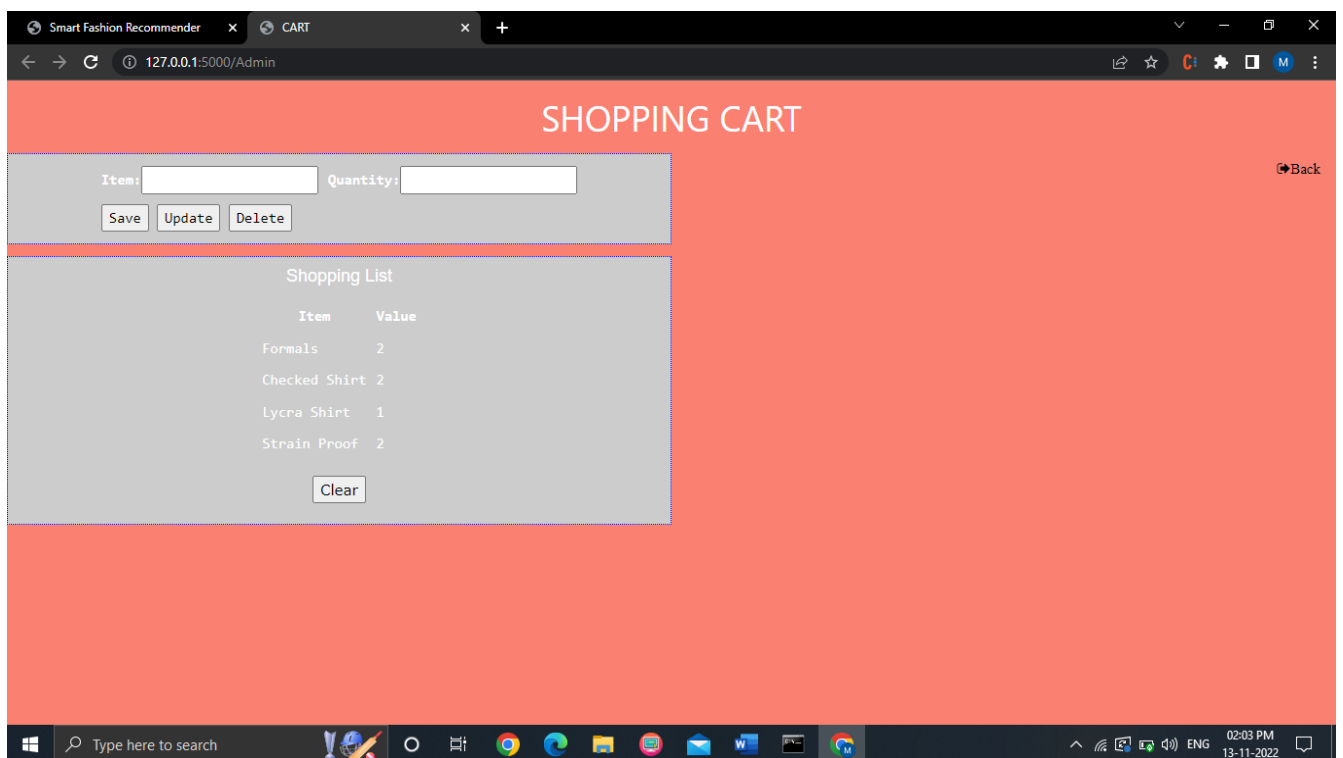| Date	1 Nov 2022
Team ID	PNT2022TMID49744
Project Name	Smart Fashion Recommender Application
Team Members	S.Muthu Venkatesh Iyyappan I.R.Johnson J.V.Jebaz S.Jais Abisake

Admin Login:
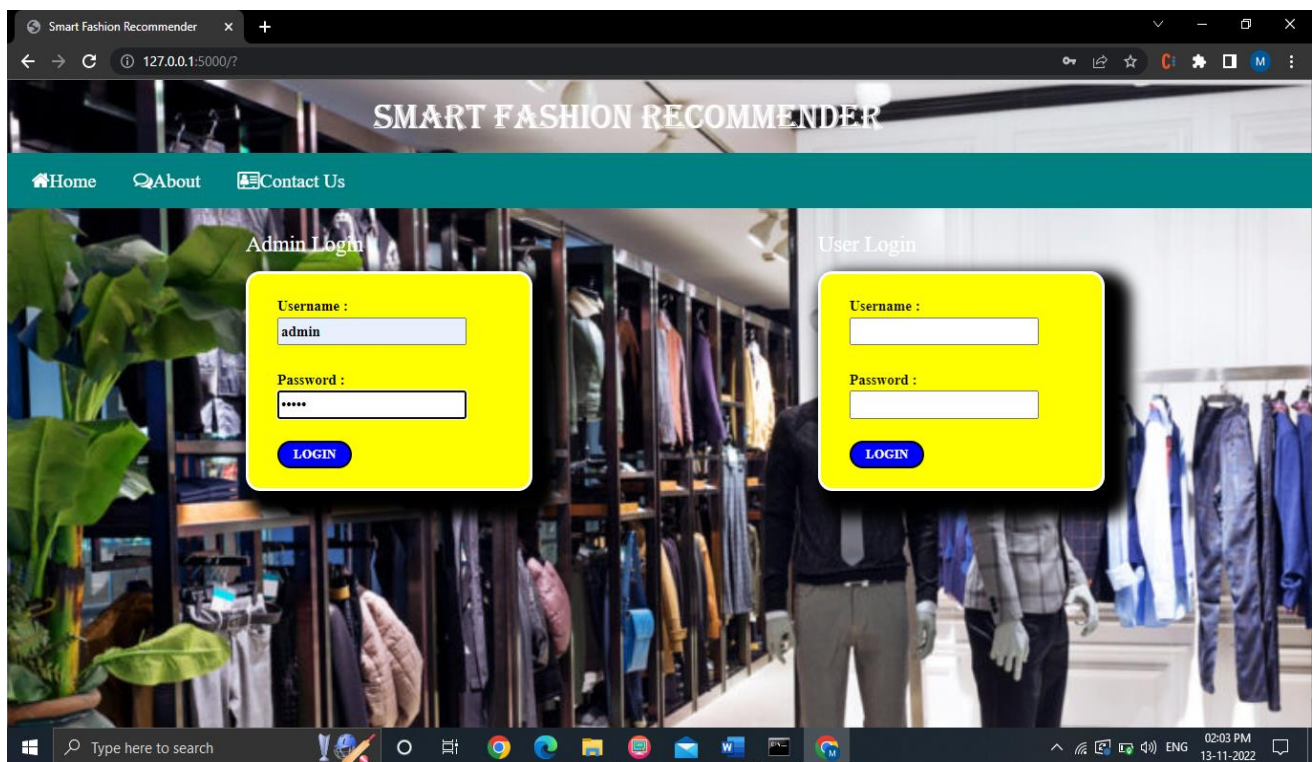
Admin Should Enter the Correct Username & Password:

View User Cart:

Database Connection:

```python
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)
```

```python
        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:
```

```python
            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(prep_stmt, 1, username)
            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 !'
    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']
```

```python
        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(prep_stmt, 1, username)
            ibm_db.bind_param(prep_stmt, 2, email)
            ibm_db.bind_param(prep_stmt, 3, qualification)
            ibm_db.bind_param(prep_stmt, 4, skills)
            ibm_db.bind_param(prep_stmt, 5, jobs)
            ibm_db.execute(prep_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()
```

```python
    cursor.execute('SELECT * FROM job WHERE userid = % s', (session['id'],))
    account = cursor.fetchone()
    print("accountdislay",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')
```