

SPRINT DELIVERY PLAN -1

Date	07 November 2022
Team ID	PNT2022TMID12060
Project Name	Smart Fashion Recommend Application

.Py code

```
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=9938aec0-8105-433e-8bf9-0fbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32459;Security=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=dpk79343;PWD=29Jm7EbzOubtoerk","",")
```

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

```
def homer():
```

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

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

```
def login():
```

```
    global userid
```

```
    mesg = "
```

```

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']
        mesg = 'Logged in successfully !'

        mesg = 'Logged in successfully !'
        return render_template('homepage.html', msg = msg)
    else:
        mesg = 'Incorrect username / password !'
    return render_template('index.html', msg = msg)

```

```

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

```

```

def registet():

```

```

mesg = ""
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:
        mesg = 'Account already exists !'
    elif not re.match(r'^@]+@[^@]+\.[^@]+', email):
        mesg = 'Invalid email address !'
    elif not re.match(r'[A-Za-z0-9]+', username):
        mesg = '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)
        mesg = 'You have successfully registered !'
elif request.method == 'POST':
    mesg = 'Please fill out the form !'
return render_template('reg.html', msg = msg)

```

```

@app.route('/Homepage')

def dash():

    return render_template('homepage.html')


@app.route('/apply',methods=['GET', 'POST'])
def apply():
    mesg = "

    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:
            mesg = 'there is only 1 job position! for you'
            return render_template('apply.html', msg = msg)


        insert_sql = "INSERT INTO  job 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
TEXT = "Hello,a new application for job position" +jobs+"is requested"
```

```
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')
```

HOME PAGE USING HTML

```
<html>
```

```
<head>
```

```
    <title> JMTG </title>
```

```
</head>
```

```
<style>
```

```
    * {
```

```
        margin: 0;
```

```
        padding: 0;
```

```
        font-family: "Century Gothic", CenturyGothic, AppleGothic, sans-serif;
```

```
    }
```

```
.main {
```

```
    width: 100%;
```

```
    background: linear-gradient(to top, rgba(219, 18, 18, 0.5), rgba(0, 0, 0, 0.5)50%);
```

```
background-position: center;

background-size: cover;

height: 100%;

font-family: "Century Gothic", CenturyGothic, AppleGothic, sans-serif;
}
```

```
.navbar {

width: 100%;

height: 75px;

margin: auto;
}
```

```
.icon {

width: 200px;

float: left;

height: 70px;
}
```

```
.logo {

color: rgb(98, 246, 152);

font-size: 35px;

padding-left: 20px;

float: left;

padding-top: 10px;
}
```

```
.menu {

width: 400px;

float: left;
```

```
    height: 70px;  
}
```

```
ul {  
    float: left;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
}
```

```
ul li {  
    list-style: none;  
    margin-left: 62px;  
    margin-top: 27px;  
    font-size: 14px;  
}
```

```
ul li a {  
    text-decoration: none;  
    color: #ffff;  
    font-weight: bold;  
    transition: 0.4s ease-in-out;  
}
```

```
ul li a:hover {  
    color: rgb(98, 246, 152);  
}
```

```
.search {
```



```
width: 330px;

float: left;

margin-left: 270px;
}
```

```
.srch {

width: 200px;

height: 40px;

background: transparent;

border: 1px solid rgb(98, 246, 152);

margin-top: 13px;

color: #ffff;

border-right: none;

font-size: 16px;

float: left;

padding: 10px;

border-bottom-left-radius: 5px;

border-top-left-radius: 5px;
}
```

```
.btn {

width: 100px;

height: 40px;

background: rgb(98, 246, 152);

border: 2px solid rgb(98, 246, 152);

margin-top: 13px;

color: #ffff;

font-size: 15px;

border-bottom-right-radius: 5px;
```

```
border-bottom-right-radius: 5px;  
}
```

```
.btn:focus {  
    outline: none;  
}
```

```
.srch:focus {  
    outline: none;  
}
```

```
.content {  
    width: 1200px;  
    height: auto;  
    margin: auto;  
    color: #ffff;  
    position: relative;  
}
```

```
.content.par {  
    padding-left: 20px;  
    padding-bottom: 25px;  
    letter-spacing: 1.2px;  
    line-height: 30px;  
}
```

```
.content h1 {  
    font-size: 50px;  
    padding-left: 20px;
```

```
margin-top: 9%;  
letter-spacing: 2px;  
}
```

```
.content .cn {  
width: 160px;  
height: 40px;  
background: rgb(98, 246, 152);  
border: none;  
margin-bottom: 10px;  
margin-left: 20px;  
font-size: 18px;  
border-radius: 10px;  
cursor: pointer;  
transition: .4s ease;  
}
```

```
.content .cn a {  
text-decoration: none;  
color: #000;  
transition: .3s ease;  
}
```

```
.cn:hover {  
background-color: #fff;  
}
```

```
.content span {  
color: rgb(98, 246, 152);
```

```
    font-size: 60px;  
}
```

```
.form {  
    width: 250px;  
    height: 380px;  
    background: linear-gradient(to top, rgba(236, 113, 113, 0.8)50%, rgba(0, 0, 0, 0.8)50%);  
    position: absolute;  
    top: -20px;  
    left: 870px;  
    border-radius: 10px;  
    padding: 25px;  
}
```

```
.form h2 {  
    width: 220px;  
    text-align: center;  
    color: rgb(206, 91, 187);  
    font-size: 22px;  
    border-radius: 10px;  
    margin: 2px;  
    padding: 8px;  
}
```

```
.form input {  
    width: 240px;  
    height: 35px;  
    background: transparent;  
}
```

```
.form input {  
    width: 240px;  
    height: 35px;  
    background: transparent;  
    border-bottom: 1px solid rgb(218, 91, 144);  
    border-top: none;  
    border-right: none;  
    border-left: none;  
    color: #fff;  
    font-size: 15px;  
    letter-spacing: 1px;  
    margin-top: 30px;  
}
```

```
.form input:focus {  
    outline: none;  
}
```

```
::placeholder {  
    color: #fff;  
}
```

```
.btnn {  
    width: 240px;  
    height: 40px;  
    background: rgb(98, 246, 152);  
    border: none;  
    margin-top: 30px;
```

```
font-size: 18px;
border-radius: 10px;
cursor: pointer;
color: #fff;
transition: 0.4s ease;
}
```

```
.btnn:hover {
  background: #fff;
  color: rgb(224, 113, 187);
}
```

```
.btnn a {
  text-decoration: none;
  color: rgb(15, 2, 2);
  font-weight: bold;
}
```

```
.form .link {
  font-size: 17px;
  padding-top: 20px;
  text-align: center;
}
```

```
.form .link a {
  text-decoration: none;
  color: rgb(98, 246, 152);
}
```

```
.liw {  
    padding-top: 15px;  
    padding-bottom: 10px;  
    text-align: center;  
}  
</style>  
  
<body>  
  
    <div class="main">  
        <div class="navbar">  
            <div class="icon">  
                <h2 class="logo">Smart fashion</h2>  
            </div>  
  
            <div class="menu">  
                <ul>  
                    <li><a href="#">HOME</a></li>  
                    <li>  
                        <a href="#">CONTACT</a>  
                    </li>  
                    <li><a href="#">ABOUT US</a></li>  
                </ul>  
            </div>  
  
            <div class="search">  
                <input class="srch" type="search" name="" placeholder="Type to search">  
                <a href="#"><button class="btn">Search</button></a>  
            </div>  
        </div>  
    </body>  
</html>
```

</div>

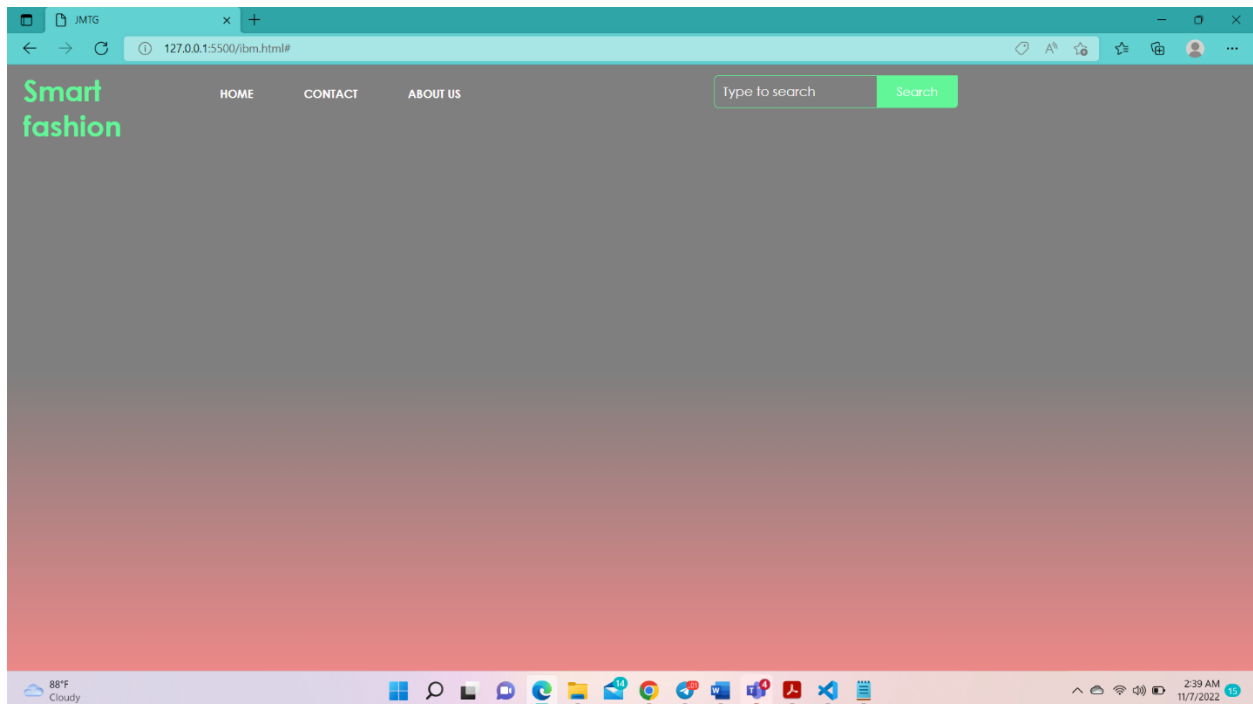
</div>

</div>

</body>

</html>

HOME PAGE OUTPUT



INDEX PAGE: <html>

<head>

<title> JMTG</title>


```
</head>
```

```
<style>
```

```
* {  
    margin: 0;  
    padding: 0;  
    font-family: "Century Gothic", CenturyGothic, AppleGothic, sans-serif;  
}
```

```
.main {  
    width: 100%;  
    background: linear-gradient(to top, rgba(219, 18, 18, 0.5), rgba(0, 0, 0, 0.5)50%);  
    background-position: center;  
    background-size: cover;  
    height: 100%;  
    font-family: "Century Gothic", CenturyGothic, AppleGothic, sans-serif;  
}
```

```
.navbar {  
    width: 100%;  
    height: 75px;  
    margin: auto;  
}
```

```
.icon {  
    width: 200px;  
    float: left;  
    height: 70px;  
}
```

```
.logo {  
    color: rgb(98, 246, 152);  
    font-size: 35px;  
    padding-left: 20px;  
    float: left;  
    padding-top: 10px;  
}
```

```
.menu {  
    width: 400px;  
    float: left;  
    height: 70px;  
}
```

```
ul {  
    float: left;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
}
```

```
ul li {  
    list-style: none;  
    margin-left: 62px;  
    margin-top: 27px;  
    font-size: 14px;  
}
```

```
ul li a {  
    text-decoration: none;  
    color: #ffff;  
    font-weight: bold;  
    transition: 0.4s ease-in-out;  
}
```

```
ul li a: hover {  
    color: rgb(98, 246, 152);  
}
```

```
.search {  
    width: 330px;  
    float: left;  
    margin-left: 270px;  
}
```

```
.srch {  
    width: 200px;  
    height: 40px;  
    background: transparent;  
    border: 1px solid rgb(98, 246, 152);  
    margin-top: 13px;  
    color: #ffff;  
    border-right: none;  
    font-size: 16px;  
    float: left;  
    padding: 10px;  
    border-bottom-left-radius: 5px;
```

```
border-top-left-radius: 5px;  
}
```

```
.btn {  
  width: 100px;  
  height: 40px;  
  background: rgb(246, 98, 221);  
  border: 2px rgb(246, 98, 221);  
  margin-top: 13px;  
  color: #ffff;  
  font-size: 15px;  
  border-bottom-right-radius: 5px;  
  border-bottom-right-radius: 5px;  
}
```

```
.btn:focus {  
  outline: none;  
}
```

```
.srch:focus {  
  outline: none;  
}
```

```
.content {  
  width: 1200px;  
  height: auto;  
  margin: auto;  
  color: rgb(161, 144, 144);  
  position: relative;
```

```
}
```

```
.content.par {  
  padding-left: 20px;  
  padding-bottom: 25px;  
  letter-spacing: 1.2px;  
  line-height: 30px;  
}
```

```
.content h1 {  
  font-size: 50px;  
  padding-left: 20px;  
  margin-top: 9%;  
  letter-spacing: 2px;  
}
```

```
.content .cn {  
  width: 160px;  
  height: 40px;  
  background: rgb(246, 98, 221);  
  border: none;  
  margin-bottom: 10px;  
  margin-left: 20px;  
  font-size: 18px;  
  border-radius: 10px;  
  cursor: pointer;  
  transition: .4s ease;  
}
```

```
.content .cn a {  
    text-decoration: none;  
    color: #000;  
    transition: .3s ease;  
}
```

```
.cn:hover {  
    background-color: #000;  
}
```

```
.content span {  
    color: rgb(246, 98, 221);  
    font-size: 60px;  
}
```

```
.form {  
    width: 250px;  
    height: 380px;  
    background: linear-gradient(to top, rgba(243, 241, 239, 0.8), rgba(252, 252, 252, 0.8)50%);  
    position: absolute;  
    top: -20px;  
    left: 870px;  
    border-radius: 10px;  
    padding: 25px;  
}
```

```
.form h2 {  
    width: 220px;  
    text-align: center;
```

```
color: rgb(235, 226, 100);  
font-size: 22px;  
border-radius: 10px;  
margin: 2px;  
padding: 8px;  
}
```

```
.form input {  
width: 240px;  
height: 35px;  
background: transparent;  
}
```

```
.form input {  
width: 240px;  
height: 35px;  
background: transparent;  
border-bottom: 1px solid rgb(246, 98, 221);  
border-top: none;  
border-right: none;  
border-left: none;  
color: rgb(14, 12, 12);  
font-size: 15px;  
letter-spacing: 1px;  
margin-top: 30px;  
}
```

```
.form input:focus {  
outline: none;
```

```
}
```

```
::placeholder {  
  color: #000;  
}
```

```
.btnn {  
  width: 240px;  
  height: 40px;  
  background: rgb(22, 21, 22);  
  border: none;  
  margin-top: 30px;  
  font-size: 18px;  
  border-radius: 10px;  
  cursor: pointer;  
  color: rgb(105, 100, 100);  
  transition: 0.4s ease;  
}
```

```
.btnn:hover {  
  background: #000;  
  color: rgb(235, 201, 229);  
}
```

```
.btnn a {  
  text-decoration: none;  
  color: white;  
  font-weight: bold;  
}
```



```
.form .link {  
    font-size: 17px;  
    padding-top: 20px;  
    text-align: center;  
}
```

```
.form .link a {  
    text-decoration: none;  
    color: rgb(246, 98, 221);  
}
```

```
.liw {  
    padding-top: 15px;  
    padding-bottom: 10px;  
    text-align: center;  
}
```

</style>

<body>

```
<div class="main">  
    <div class="navbar">  
        <div class="icon">  
            <h2 class="logo">Smart Fashion</h2>  
        </div>  
  
        <div class="menu">  
            <ul>
```

HOME

CONTACT

ABOUT US

</div>

<div class="search">

<input class="srch" type="search" name="" placeholder="Type to search">

<button class="btn">Search</button>

</div>

</div>

<div class="content">

<h1>SMART FASHION
Application</h1>

<div class="form">

<h2>SMART LOGIN</h2>

<form action="/Login" method="post">

<input type="text" name="username" placeholder="Enter the Username">

<input type="password" name="password" placeholder="Enter the Password ">

<button type="submit" class="btnn">Login</button>

<p class="link">Don't have an account

Sign up here

</p>

</form>

</div>

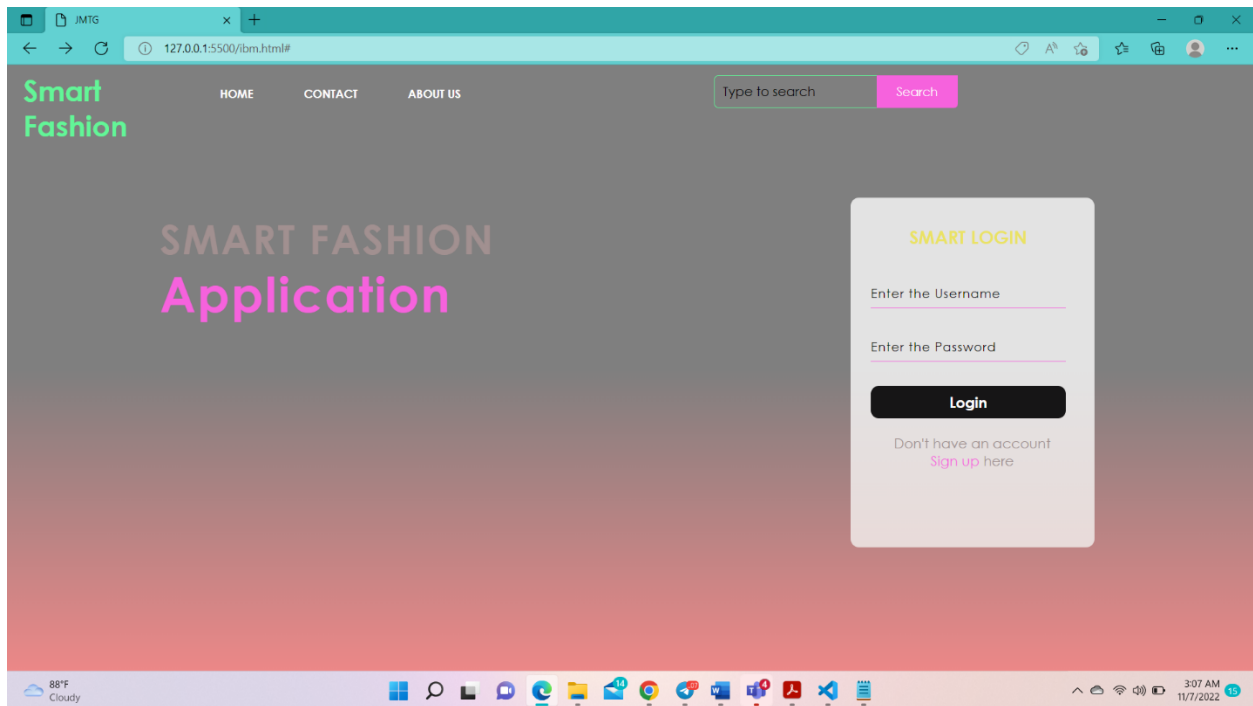
</div>

</div>

</body>

</html>

Index page output:



REGISTER FORM CODE:

<html>

<head>

<title> SFRA </title>

```
</head>
```

```
<style>
```

```
* {  
    margin: 0;  
    padding: 0;  
    font-family: "Century Gothic", CenturyGothic, AppleGothic, sans-serif;  
}
```

```
.main {  
    width: 100%;  
    background: linear-gradient(to top, rgba(219, 18, 18, 0.5), rgba(0, 0, 0, 0.5)50%);  
    background-position: center;  
    background-size: cover;  
    height: 100%;  
    font-family: "Century Gothic", CenturyGothic, AppleGothic, sans-serif;  
}
```

```
.navbar {  
    width: 100%;  
    height: 75px;  
    margin: auto;  
}
```

```
.icon {  
    width: 200px;  
    float: left;  
    height: 70px;  
}
```

```
.logo {  
    color: rgb(98, 246, 152);  
    font-size: 35px;  
    padding-left: 20px;  
    float: left;  
    padding-top: 10px;  
}
```

```
.menu {  
    width: 400px;  
    float: left;  
    height: 70px;  
}
```

```
ul {  
    float: left;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
}
```

```
ul li {  
    list-style: none;  
    margin-left: 62px;  
    margin-top: 27px;  
    font-size: 14px;  
}
```

```
ul li a {
```

```
text-decoration: none;

color: #ffff;

font-weight: bold;

transition: 0.4s ease-in-out;
}
```

```
ul li a:hover {

    color: rgb(98, 246, 152);

}
```

```
.search {

    width: 330px;

    float: left;

    margin-left: 270px;

}
```

```
.srch {

    width: 200px;

    height: 40px;

    background: transparent;

    border: 1px solid rgb(98, 246, 152);

    margin-top: 13px;

    color: #ffff;

    border-right: none;

    font-size: 16px;

    float: left;

    padding: 10px;

    border-bottom-left-radius: 5px;

    border-top-left-radius: 5px;
```

```
}
```

```
.btn {
```

```
width: 100px;
```

```
height: 40px;
```

```
background: rgb(246, 98, 221);
```

```
border: 2px rgb(246, 98, 221);
```

```
margin-top: 13px;
```

```
color: #ffff;
```

```
font-size: 15px;
```

```
border-bottom-right-radius: 5px;
```

```
border-bottom-right-radius: 5px;
```

```
}
```

```
.btn:focus {
```

```
outline: none;
```

```
}
```

```
.srch:focus {
```

```
outline: none;
```

```
}
```

```
.content {
```

```
width: 1200px;
```

```
height: auto;
```

```
margin: auto;
```

```
color: rgb(161, 144, 144);
```

```
position: relative;
```

```
}
```

```
.content.par {  
    padding-left: 20px;  
    padding-bottom: 25px;  
    letter-spacing: 1.2px;  
    line-height: 30px;  
}
```

```
.content h1 {  
    font-size: 50px;  
    padding-left: 20px;  
    margin-top: 9%;  
    letter-spacing: 2px;  
}
```

```
.content .cn {  
    width: 160px;  
    height: 40px;  
    background: rgb(246, 98, 221);  
    border: none;  
    margin-bottom: 10px;  
    margin-left: 20px;  
    font-size: 18px;  
    border-radius: 10px;  
    cursor: pointer;  
    transition: .4s ease;  
}
```

```
.content .cn a {
```



```
text-decoration: none;

color: #000;

transition: .3s ease;
}
```

```
.cn:hover {

background-color: #000;
}
```

```
.content span {

color: rgb(246, 98, 221);

font-size: 60px;
}
```

```
.form {

width: 250px;

height: 380px;

background: linear-gradient(to top, rgba(243, 241, 239, 0.8), rgba(252, 252, 252, 0.8)50%);

position: absolute;

top: -20px;

left: 870px;

border-radius: 10px;

padding: 25px;
}
```

```
.form h2 {

width: 220px;

text-align: center;

color: rgb(235, 226, 100);
}
```

```
font-size: 22px;
border-radius: 10px;
margin: 2px;
padding: 8px;
}
```

```
.form input {
width: 240px;
height: 35px;
background: transparent;
}
```

```
.form input {
width: 240px;
height: 35px;
background: transparent;
border-bottom: 1px solid rgb(246, 98, 221);
border-top: none;
border-right: none;
border-left: none;
color: rgb(14, 12, 12);
font-size: 15px;
letter-spacing: 1px;
margin-top: 30px;
}
```

```
.form input:focus {
outline: none;
}
```

```
::placeholder {  
  color: #000;  
}
```

```
.btnn {  
  width: 240px;  
  height: 40px;  
  background: rgb(22, 21, 22);  
  border: none;  
  margin-top: 30px;  
  font-size: 18px;  
  border-radius: 10px;  
  cursor: pointer;  
  color: rgb(105, 100, 100);  
  transition: 0.4s ease;  
}
```

```
.btnn:hover {  
  background: #000;  
  color: rgb(235, 201, 229);  
}
```

```
.btnn a {  
  text-decoration: none;  
  color: white;  
  font-weight: bold;  
}
```

```
.form .link {  
    font-size: 17px;  
    padding-top: 20px;  
    text-align: center;  
}
```

```
.form .link a {  
    text-decoration: none;  
    color: rgb(246, 98, 221);  
}
```

```
.liw {  
    padding-top: 15px;  
    padding-bottom: 10px;  
    text-align: center;  
}
```

</style>

<body>

```
<div class="main">  
    <div class="navbar">  
        <div class="icon">  
            <h2 class="logo">Smart Z</h2>  
        </div>
```

```
<div class="menu">
```

```
<ul>
```

```
<li><a href="#">HOME</a></li>
```

```
<li><a href="#">CONTACT</a></li>
```

```
<li><a href="#">ABOUT US</a></li>
```

```
</ul>
```

```
</div>
```

```
<div class="search">
```

```
<input class="srch" type="search" name="" placeholder="Type to search">
```

```
<a href="#"><button class="btn">Search</button></a>
```

```
</div>
```

```
</div>
```

```
<div class="content">
```

```
<h1>Smart Fashion <br><span>Application</span></h1>
```

```
<div class="form">
```

```
<h2>SMART REGISTER</h2>
```

```
<form action="/Register" method="post">
```

```
<input type="text" name="username" placeholder="Username">
```

```
<input type="email" name="email" placeholder="Email id">
```

```
<input type="password" name="password" placeholder="Password">
```

```
<button type="submit" class="btnn">REGISTER</button>
```

```
<p class="link">Already have an account<br>
```

```
<a href="/Login">Log in</a> here</a>
```

</p>

</form>

</div>

</div>

</div>

</body>

</html>

REGISTER FORM OUTPUT:

