PROJECT DEVELOPMENT PHASE

SPRINT 2

Date	13 November 2022
Team ID	PNT2022TMID54054
Project Name	Smart Fashion Recommender Application
Maximum Marks	20 Marks

SPRINT 2:

1. View Products Page

2. Add Products Page

3. Connect Add Products Page with DB2

CONNECT ADD PRODUCTS PAGE WITH DB2:

STEP 1: Create Table of Add Products in IBM DB2

STEP 2: Get Details from the Add Products

STEP 3: Push the Product Images into Bucket

STEP 4: Directed to the Home Page of View Products

CODE

FILE 1: Add Product.html

F:\대학\4th YEAR\7th Semester\IBM\SFRA IBM\templates\add_product.html - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

add_product.html

```html
1    <!DOCTYPE html>
2    <html>
3
4      <head>
5        <title> Purple Sparks </title>
6          <link rel="icon" type="image/x-icon" href="static/images/favicon.ico">
7      </head>
8
9      <link rel="stylesheet" type = "text/css" href ="static/css/add_food_items.css">
10     <link rel="stylesheet" type = "text/css" href ="static/css/style_index.css">
11     <link rel="stylesheet" type = "text/css" href ="static/css/bootstrap.min.css">
12       <link href="http://netdna.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css" rel="stylesheet">
13
14
15     <body>
16
17     <img src="static/images/main.jpg">
18
19       <br><br><br>
20   <h2 class="head-of-offer">SESSION DEALS</h2><br>
21         <div class="index-offers-img">
22           <a href="categories.html"><img src="static/images/1.png" alt=""></a>
23           <a href="categories.html"><img src="static/images/2.png" alt=""></a>
24           <a href="categories.html"><img src="static/images/3.png" alt=""></a>
25           <a href="categories.html"><img src="static/images/4.png" alt=""></a>
26         </div>
27
28     <button onclick="topFunction()" id="myBtn" title="Go to top">
29         <span class="glyphicon glyphicon-chevron-up"></span>
30     </button>
31
32
33     <script type="text/javascript">
34       window.onscroll = function()
35       {
36         scrollFunction()
37       };
```

Hyper Text Markup Language file   length : 7,974   lines : 215   Ln : 53   Col : 35   Pos : 1,761   Windows (CR LF)   UTF-8   INS

FILE 2: Add Product.css

*F:\대학\4th YEAR\7th Semester\IBM\SFRA IBM\static\css\bootstrap.min.css - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

bootstrap.min.css

```css
1    /*!
2     * Bootstrap v3.3.6 (http://getbootstrap.com)
3     * Copyright 2011-2015 Twitter, Inc.
4     * Licensed under MIT (https://github.com/twbs/bootstrap/blob/master/LICENSE)
5     *//*! normalize.css v3.0.3 | MIT License | github.com/necolas/normalize.css */
6    html{font-family:sans-serif;-webkit-text-size-adjust:100%;-ms-text-size-adjust:100%}
7    body{margin:0}article,aside,details,figcaption,figure,footer,header,hgroup,main,menu,nav,section,summary{display:block}
8    audio,canvas,progress,video{display:inline-block;vertical-align:baseline}
9    audio:not([controls]){display:none;height:0}[hidden],template{display:none}
10   a{background-color:transparent}a:active,a:hover{outline:0}abbr[title]{border-bottom:1px dotted}
11   b,strong{font-weight:700}dfn{font-style:italic}h1{margin:.67em 0;font-size:2em}mark{color:#000;background:#ff0}
12   small{font-size:80%}sub,sup{position:relative;font-size:75%;line-height:0;vertical-align:baseline}
13   sup{top:-.5em}sub{bottom:-.25em}img{border:0}svg:not(:root){overflow:hidden}figure{margin:1em 40px}
14   hr{height:0;-webkit-box-sizing:content-box;-moz-box-sizing:content-box;box-sizing:content-box}
15   pre{overflow:auto}code,kbd,pre,samp{font-family:monospace,monospace;font-size:1em}
16   button,input,optgroup,select,textarea{margin:0;font:inherit;color:inherit}
17   button{overflow:visible}button,select{text-transform:none}button,html
18   input[type=button],input[type=reset],input[type=submit]{-webkit-appearance:button;cursor:pointer}
19   button[disabled],html input[disabled]{cursor:default}button::-moz-focus-inner,
20   input::-moz-focus-inner{padding:0;border:0}input{line-height:normal}
21   input[type=checkbox],input[type=radio]{-webkit-box-sizing:border-box;-moz-box-sizing:border-box;
22   box-sizing:border-box;padding:0}input[type=number]::-webkit-inner-spin-button,
23   input[type=number]::-webkit-outer-spin-button{height:auto}input[type=search]
24   {-webkit-box-sizing:content-box;-moz-box-sizing:content-box;box-sizing:content-box;
25   -webkit-appearance:textfield}input[type=search]::-webkit-search-cancel-button,
26   input[type=search]::-webkit-search-decoration{-webkit-appearance:none}
27   fieldset{padding:.35em .625em .75em;margin:0 2px;border:1px solid silver}
28   legend{padding:0;border:0}textarea{overflow:auto}optgroup{font-weight:700}
29   table{border-spacing:0;border-collapse:collapse}td,th{padding:0}/
30   *! Source: https://github.com/h5bp/html5-boilerplate/blob/master/src/css/main.css */
31   @media print{*,:after,:before{color:#000!important;text-shadow:none!
32   important;background:0 0!important;-webkit-box-shadow:none!important;box-shadow:none!important}a,a:visited{text-decoration:underline}a[href]
```

Cascade Style Sheets File   length : 121,314   lines : 33   Ln : 33   Col : 46   Pos : 121,315   Unix (LF)   UTF-8   INS

FILE 3: View Product.html

File   Edit   Search   View   Encoding   Language   Settings   Tools   Macro   Run   Plugins   Window   ?

app.py

```python
1    from flask import Flask,render_template,request,redirect,url_for,session
2    import ibm_db
3    import bcrypt
4    import secrets
5    from turtle import title
6    from unicodedata import category
7    import base64
8    from PIL import Image
9    import io
10   import datetime
11   import os
12   from urllib.parse import urlparse
13   from flask import Flask
14   from flask_mail import Mail, Message
15   import smtplib
16   import socket
17   import ssl
18   from email.message import EmailMessage
19
20   conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=b1bc1829-6f45-4cd4-bef4-10cf081900bf.c1ogj3sd0tgtu01qde00.databases.appdomain.cloud;PORT=32304;S
21   #url_for('static', filename='style.css')
22
23
24   app = Flask(__name__)
25   app.secret_key = b'_5#y2L"F4Q8z\n\xec]/'
26
27   email_sender = 'sparkspurple7@gmail.com'
28   email_password = 'aospfzlnxtndjtox'
29
30
31
32
```

Python file   length : 7,728   lines : 233   Ln : 47   Col : 34   Pos : 1,365   Windows (CR LF)   UTF-8   INS

FILE 4: View Product.css

File   Edit   Search   View   Encoding   Language   Settings   Tools   Macro   Run   Plugins   Window   ?

style.css

```css
70   └================================================================*/
71   * { -webkit-box-sizing: border-box; -moz-box-sizing: border-box; box-sizing: border-box; }
72   *, ::before, ::after { box-sizing:border-box; -webkit-box-sizing:border-box; }
73   html { overflow:hidden; overflow-y:auto; }
74   body { font-size:13px; line-height:1.5; -webkit-font-smoothing: antialiased; -moz-osx-font-smoothing: grayscale; font-family:"Poppins",Helvet
75   article, aside, details, figcaption, figure, footer, header, nav, section, summary { display: block; }
76   audio, canvas, video { display: inline-block; }
77   audio:not([controls]) { display:none; height:0; }
78   [hidden] { display:none; }
79   html, button, input, select, textarea { font-family:'Poppins', sans-serif; }
80   input:focus, textarea:focus, select:focus { border-color:#cdcfd3; }
81   input, textarea { padding:10px 18px; }
82   select { -webkit-appearance:none; -moz-appearance:none; appearance:none; background-position:right center; background-image:url(../images/arr
83       background-position:right 10px center !important; line-height:1.2; text-indent:0.01px; text-overflow: ''; cursor:pointer; padding-bottom:
84
85   iframe { border:0; width:100%; }
86
87   a { color:#555555; text-decoration:none; -ms-transition:all 0.5s ease-in-out; -webkit-transition:all 0.5s ease-in-out; transition:all 0.5s ea
88   a:focus { outline:thin dotted; }
89   a:active, a:hover { color:#000; outline:0; }
90   a:hover, a:focus { opacity:0.8; }
91   a:hover { text-decoration:underline; }
92
93   p { margin:0 0 24px; }
94   pre { background: #f5f5f5; color: #666; font-family: monospace; font-size: 14px; margin: 20px 0; overflow: auto; padding: 20px; white-space:
95   blockquote, q { -webkit-hyphens: none; -moz-hyphens: none; -ms-hyphens: none; hyphens: none; quotes: none; }
96   blockquote:before, blockquote:after, q:before, q:after { content: ""; content: none; }
97   blockquote { font-size: 18px; font-style: italic; font-weight: 300; margin: 24px 40px; }
98   blockquote blockquote { margin-right: 0; }
99   blockquote cite, blockquote small { font-size: 14px; font-weight: normal; text-transform: uppercase; }
100  blockquote em, blockquote i { font-style: normal; font-weight: 300; }
101  blockquote strong, blockquote b { font-weight: 400; }
```

Cascade Style Sheets File   length : 127,652   lines : 1,665   Ln : 1   Col : 1   Pos : 1   Unix (LF)   UTF-8   INS

FILE 5: PYTHON – App.py

Run App.py on Command Prompt

TEST SCENARIOS – ADD PRODUCTS

1. Create Product Table on DB2

2. Attributes of Product Table of IBM DB2

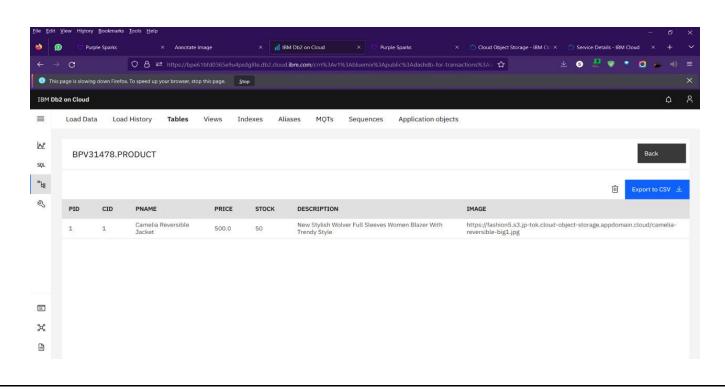## 3. Admin Panel (Add Product Page)

4. Enter Valid Product Details

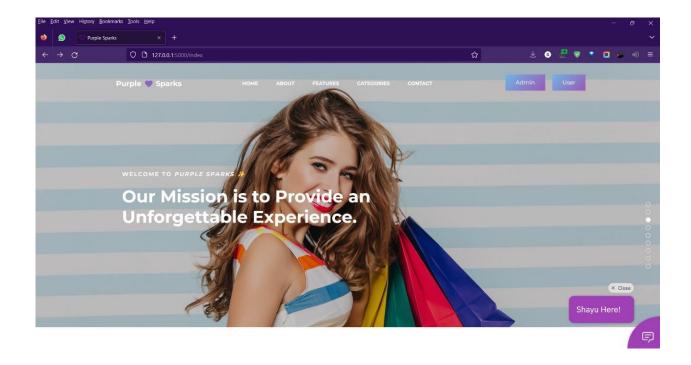## 5. Push Product Images in Bucket of Cloud Storage
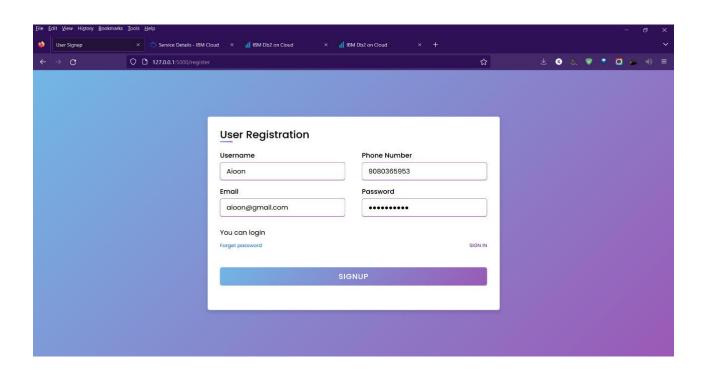

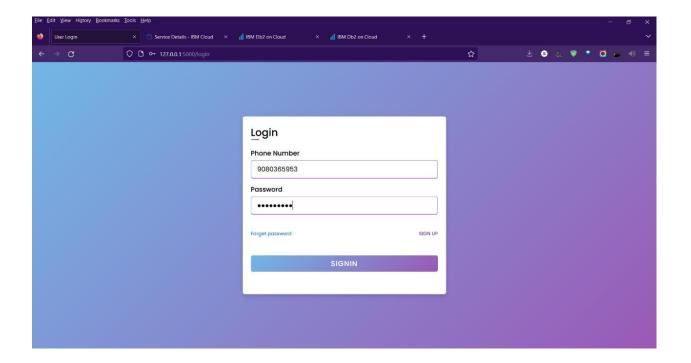## 6. Product Data stored in IBM DB2

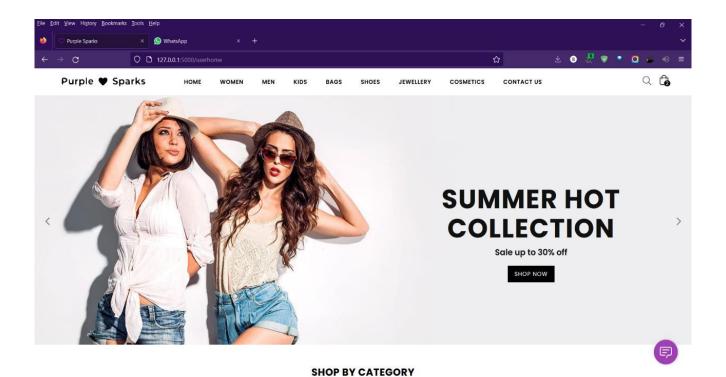# TEST SCENARIOS – VIEW PRODUCTS

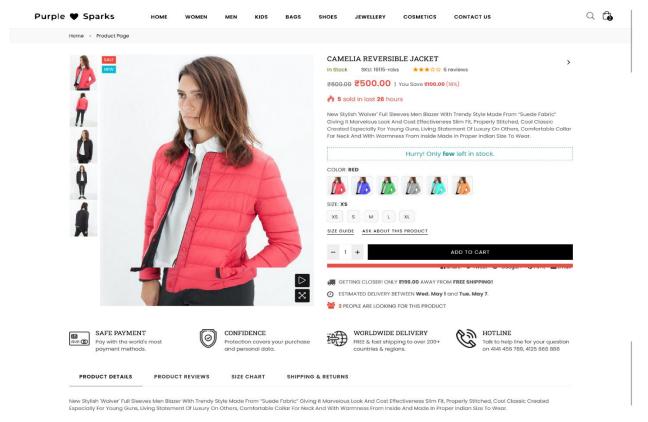## 1. Purple Sparks (Index Page)

2. User Registration

3. User Login

4. Purple Sparks (Home Page)

5. View Products Page