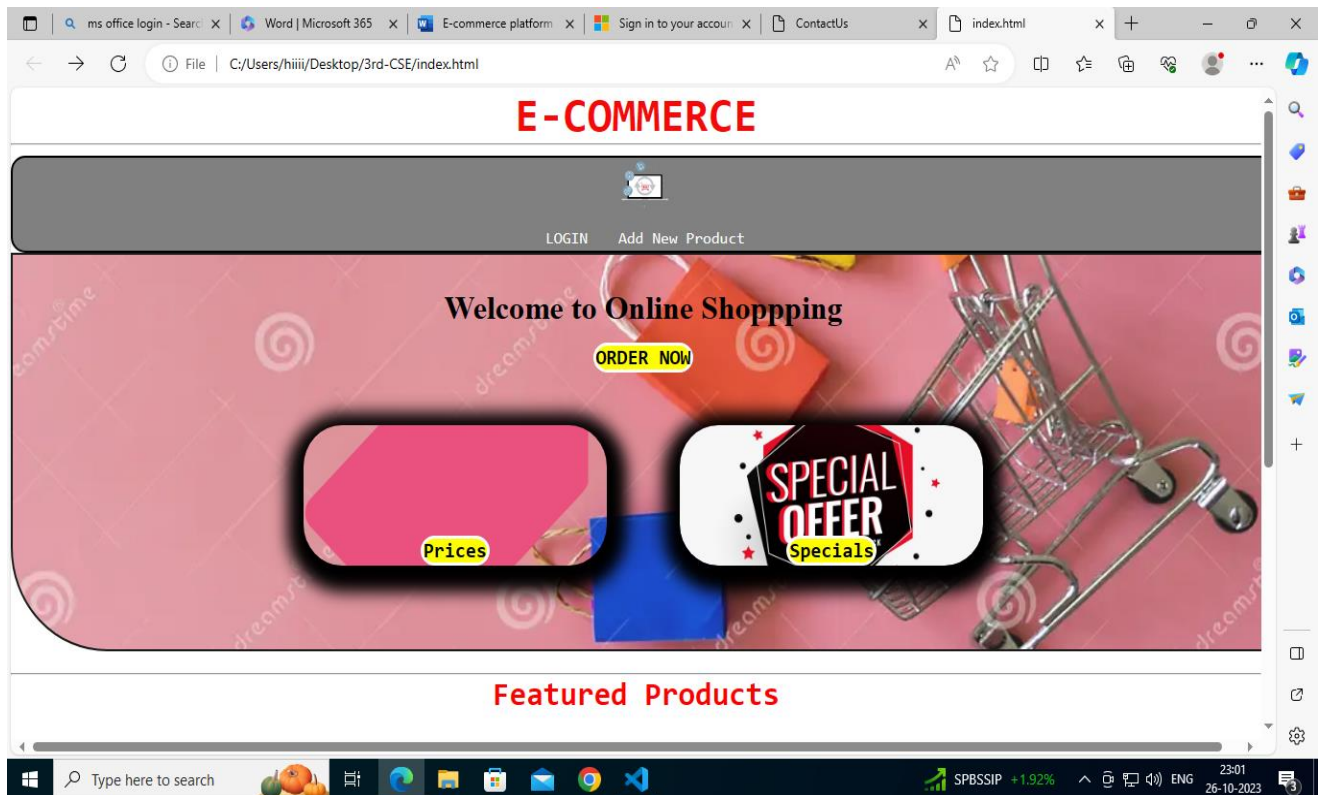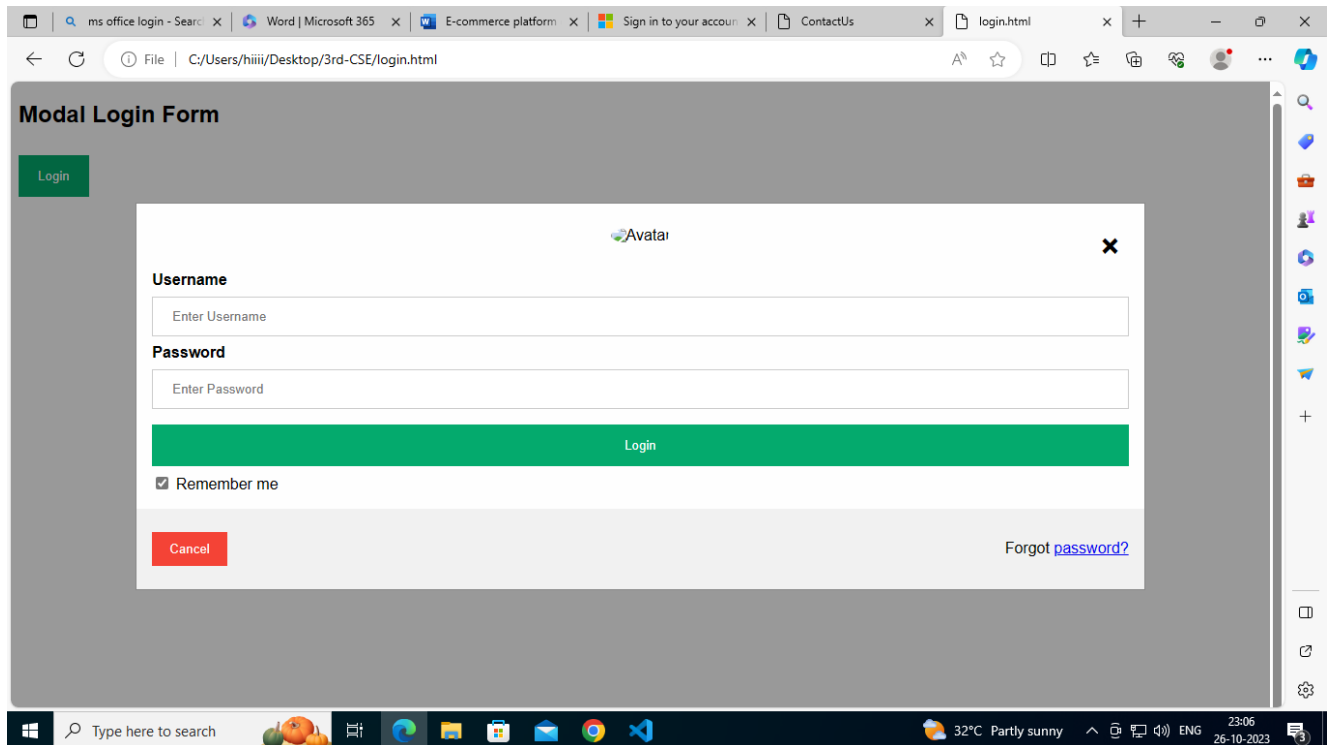# E-commerce platform on IBM cloud foundry

DEVELOPMENT PART 1

- In this phase we design the homepage, product listings, shopping cart and user authentication of homemade e-commerce platform.
- We design frontend framework using html and CSS of user interface.
- On IBM cloud account we use Db2 for our database.
- Following images are the design of our e-commerce platform

- This is our layout of our e-commerce platform

- This is our login page of our platform

- Here, these are the products of our e-commerce platform

Coding

Index.html

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport"
    content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="style.css">
    <link

    rel="stylesheet">
</head>

<body>
    <header>
        <h1 id="top">E-COMMERCE</h1>
        <!--h1 id="top1">FoodShop</h1-->
    </header>
    <hr>
    <nav id="navbar">
        <img src="abc.png" style="max-width:100%;">
        <ul id="navcontent">
            <li><a href="login.html">LOGIN</a></li>
            <li><a href="contact.html">Add New Product</a></li>

        </ul>
    </nav>
    <div id="container1">
        <div id="row1">
            Welcome to Online Shoppping
        </div>
        <button class="btn">ORDER NOW</button>
        <div id="container3">
            <div id="row2">
                <button class="btn">Prices</button>
            </div>
            <div id="row3">
                <button class="btn">Specials</button>
            </div>
        </div>
    </div>
    <hr>
    <h1 id="top3">Featured Products</h1>
    <div id="container4">
        <div id="row4">
```
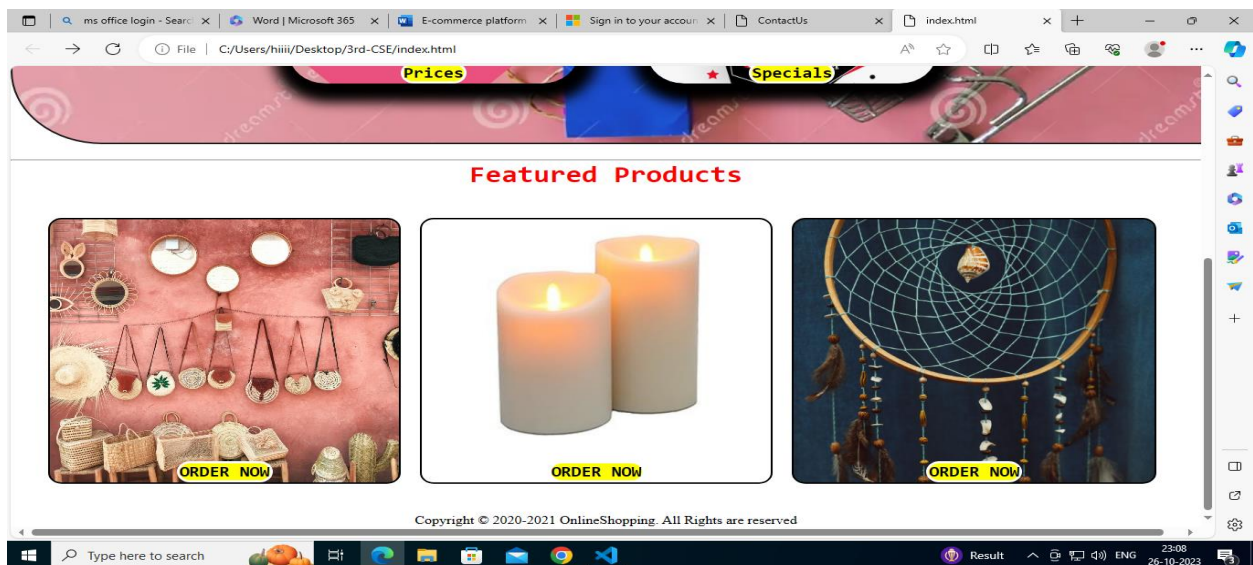
```html
                <button class="btn">ORDER NOW</button>
            </div>
            <div id="row5">
                <button class="btn">ORDER NOW</button>
            </div>
            <div id="row6">
                <button class="btn">ORDER NOW</button>
            </div>
        </div>
        <footer>Copyright © 2020-2021 OnlineShopping.
            All Rights are reserved</footer>
</body>
</html>
Login.html
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
body {font-family: Arial, Helvetica, sans-serif;}

/* Full-width input fields */
input[type=text], input[type=password] {
  width: 100%;
  padding: 12px 20px;
  margin: 8px 0;
  display: inline-block;
  border: 1px solid #ccc;
  box-sizing: border-box;
}

/* Set a style for all buttons */
button {
  background-color: #04AA6D;
  color: white;
  padding: 14px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
  width: 100%;
}

button:hover {
  opacity: 0.8;
```

```css
}

/* Extra styles for the cancel button */
.cancelbtn {
  width: auto;
  padding: 10px 18px;
  background-color: #f44336;
}

/* Center the image and position the close button */
.imgcontainer {
  text-align: center;
  margin: 24px 0 12px 0;
  position: relative;
}

img.avatar {
  width: 40%;
  border-radius: 50%;
}

.container {
  padding: 16px;
}

span.psw {
  float: right;
  padding-top: 16px;
}

/* The Modal (background) */
.modal {
  display: none; /* Hidden by default */
  position: fixed; /* Stay in place */
  z-index: 1; /* Sit on top */
  left: 0;
  top: 0;
  width: 100%; /* Full width */
  height: 100%; /* Full height */
  overflow: auto; /* Enable scroll if needed */
  background-color: rgb(0,0,0); /* Fallback color */
  background-color: rgba(0,0,0,0.4); /* Black w/ opacity */
  padding-top: 60px;
}
```

```css
/* Modal Content/Box */
.modal-content {
  background-color: #fefefe;
  margin: 5% auto 15% auto; /* 5% from the top, 15% from the bottom and centered
*/
  border: 1px solid #888;
  width: 80%; /* Could be more or less, depending on screen size */
}

/* The Close Button (x) */
.close {
  position: absolute;
  right: 25px;
  top: 0;
  color: #000;
  font-size: 35px;
  font-weight: bold;
}

.close:hover,
.close:focus {
  color: red;
  cursor: pointer;
}

/* Add Zoom Animation */
.animate {
  -webkit-animation: animatezoom 0.6s;
  animation: animatezoom 0.6s
}

@-webkit-keyframes animatezoom {
  from {-webkit-transform: scale(0)}
  to {-webkit-transform: scale(1)}
}

@keyframes animatezoom {
  from {transform: scale(0)}
  to {transform: scale(1)}
}

/* Change styles for span and cancel button on extra small screens */
@media screen and (max-width: 300px) {
  span.psw {
      display: block;
```

```
      float: none;
    }
    .cancelbtn {
      width: 100%;
    }
  }
}
</style>
</head>
<body>

<h2>Modal Login Form</h2>

<button onclick="document.getElementById('id01').style.display='block'"
style="width:auto;">Login</button>

<div id="id01" class="modal">

  <form class="modal-content animate" action="/action_page.php" method="post">
    <div class="imgcontainer">
      <span onclick="document.getElementById('id01').style.display='none'"
class="close" title="Close Modal">&times;</span>
      <img src="img_avatar2.png" alt="Avatar" class="avatar">
    </div>

    <div class="container">
      <label for="uname"><b>Username</b></label>
      <input type="text" placeholder="Enter Username" name="uname" required>

      <label for="psw"><b>Password</b></label>
      <input type="password" placeholder="Enter Password" name="psw" required>

      <button type="submit">Login</button>
      <label>
        <input type="checkbox" checked="checked" name="remember"> Remember me
      </label>
    </div>

    <div class="container" style="background-color:#f1f1f1">
      <button type="button"
onclick="document.getElementById('id01').style.display='none'"
class="cancelbtn">Cancel</button>
      <span class="psw">Forgot <a href="#">password?</a></span>
    </div>
  </form>
</div>
```

```
<script>
// Get the modal
var modal = document.getElementById('id01');

// When the user clicks anywhere outside of the modal, close it
window.onclick = function(event) {
    if (event.target == modal) {
        modal.style.display = "none";
    }
}
</script>
</body>
</html>
```

♦ We have developed this code for login and index page of our platform using html.

♦ Further we create backend functionality and deploy it using IBM Cloud Foundry environment.