

# CAD PHASE-5

## E-COMMERCE APPLICATION

### PET ACCESSORIES AND SUPPLIES SHOP

#### **Problem definition and design thinking:**

In this part we need to understand the problem statement and create a document on what we have understood and how we will proceed ahead with solving the problem.

#### **Problem Definition:**

The project is to build an artisanal e-commerce platform using IBM Cloud Foundry. The goal is to connect skilled artisans with a global audience, showcasing their handmade products and providing features like secure shopping carts, payment gateways, and an intuitive checkout process. This involves designing the e-commerce platform, implementing the necessary features, and ensuring a seamless user experience.

#### **DESIGN THINKING:**

- 1. Platform Design:** Design the platform layout with sections for product category, individual product pages, shopping cart, checkout, and payment.
- 2. Product Showcase:** Create a database to store product information such as images, descriptions, prices, and categories.
- 3. User Authentication:** Implement user registration and authentication features to enable artisans and customers to access the platform.
- 4. Shopping cart AND Checkout:** Design and develop the shopping cart functionality and a smooth checkout process.
- 5. Payment Integration:** Integrate secure payment gateways to facilitate transactions.
- 6. User Experience:** Focus on providing an intuitive and visually appealing user experience for both artisans and customers.

#### **MAINPAGE CONTENT**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Sniffy Nosses</title>
  <link rel = "icon" href = "logo.png"
    type = "image/x-icon">
  <link rel="stylesheet" type="text/css" href="galaxy.css">
```

```

<link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300italic,regular,italic,600,600italic,700,700italic,800,800italic" rel="stylesheet" />
<link
href="https://fonts.googleapis.com/css?family=Poppins:100,100italic,200,200italic,300,300italic,regular,italic,500,500italic,600,600italic,700,700italic,800,800italic,900,900italic"
rel="stylesheet" />
<link href="https://fonts.googleapis.com/css?family=Righteous:regular" rel="stylesheet"
/>
<style>
/* Add some basic CSS styles for presentation */

#cart {
border: 1px solid white;
padding: 10px;
margin: 20px;
display: none;
}
</style>
</head>
<body style="background-color:rgb(18,18,18);">

<table>
<tr>
<td>&nbsp;&nbsp;&nbsp;</td>
<td></td>
<td style="font-family:'vermin_vibes_vregular';color:White;font-size:25px;">SNIFFY NOSSES</td>
<td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>
<td></td>
<td>&nbsp;&nbsp;&nbsp;</td>
<td></td>
<td>&nbsp;&nbsp;&nbsp;</td>
<td style="font-family:sans-serif;color:rgb(151,151,151)"><a>Discover</a></td>
<td>&nbsp;&nbsp;&nbsp;</td>
<td style="font-family:sans-serif;color:rgb(151,151,151);"><a>Browse</a></td>
<td>&nbsp;&nbsp;&nbsp;</td>
<td style="font-family:sans-serif;color:rgb(151,151,151)"><a>News</a></td>
<td style="font-family:sans-serif;color:rgb(151,151,151)"><a>Wishlist</a></td>
<td>&nbsp;&nbsp;&nbsp;</td>
<td style="font-family:sans-serif;color:rgb(151,151,151)"><a>Cart</a></td>
<td style="color:rgb(151,151,151);">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>
<td></td>
<td>&nbsp;&nbsp;&nbsp;</td>

```



finish the season off right

&lt;/script&gt;

## Collars and Leashes

&lt;button onclick="addToCart('Collar and leashes', 704.00)"&gt;Add to Cart&lt;/button&gt;

```

    </pre></td>
    <td>&nbsp;</td>
    <td><pre style="font-size:12px;color:white;font-family:sans-serif;">
Dog Beds

<span style="background-color:rgb(0,116,228);padding:3px;border-radius:5px;font-
weight:800;font-size:15px;"> -15% </span> <span
style="color:rgb(151,151,151);"><s>&#8377;1,179</s></span>
<span>&#8377;1,002.15</span>
    <button onclick="addToCart('Dog Beds', 1002.15)">Add to Cart</button>
    </pre></td>

```

```

    <td>&nbsp;</td>
    <td><pre style="font-size:12px;color:white;font-family:sans-serif;"><a
href="sifu.html"></a>
Toys

```

```

<span style="background-color:rgb(0,116,228);padding:3px;border-radius:5px;font-
weight:800;font-size:15px;"> -20% </span> <span
style="color:rgb(151,151,151);"><s>&#8377;939</s></span>
<span>&#8377;751.20</span>
    <button onclick="addToCart('Toys', 751.20)">Add to Cart</button>
    </pre></td>
    <td>&nbsp;</td>
    <td><pre style="font-size:12px;color:white;font-family:sans-serif;">
Food and Water Bowls

```

```

<span style="background-color:rgb(0,116,228);padding:3px;border-radius:5px;font-
weight:800;font-size:15px;"> -20% </span> <span
style="color:rgb(151,151,151);"><s>&#8377;300</s></span> <span>&#8377;230</span>
    <button onclick="addToCart('Food and water bowls', 230.00)">Add to Cart</button>
    </pre></td>
    <td>&nbsp;</td>
    <td><pre style="font-size:12px;color:white;font-family:sans-serif;">
Pet First Aid Kit

```

```

<span style="background-color:rgb(0,116,228);padding:3px;border-radius:5px;font-
weight:800;font-size:15px;"> -50% </span> <span
style="color:rgb(151,151,151);"><s>&#8377;1,855</s></span>
<span>&#8377;627.25</span>
    <button onclick="addToCart('Pet First Aid Kit', 627.25)">Add to Cart</button>
    </pre></td>
</div>

```

```

</tr></table></div>
<pre style="font-size:17px;color:white;font-family:sans-serif;">
Cats Supplies</pre>
<div style="margin-right:200px;">
  <table style="font-family:sans-serif;font-weight:400;color:white;">

<tr><td><pre>
                                </pre></td><td><pre style="font-
size:15px;color:white;font-family:sans-serif;">&nbsp;
Cat Beds

<span>&#8377;770</span></pre></td>
<td><pre style="font-size:15px;color:white;font-family:sans-serif;">&nbsp;
Litter Box

<span>&#8377;240</span></pre></td>
<td><pre style="font-size:15px;color:white;font-family:sans-serif;">
Laser Pointers

<span style="color:rgb(255, 255, 255);">Coming Soon</span></pre></td>

</tr>
</table>
</div>
<pre style="font-size:17px;color:white;font-family:sans-serif;">
Birds</pre>
<div style="margin-right:200px;">
  <table style="font-family:sans-serif;font-weight:400;color:white;">

<tr><td><pre>
                                </pre></td><td><pre style="font-
size:15px;color:white;font-family:sans-serif;">&nbsp;&nbsp;

Cages and Aviaries
<span style="font-size:20px;color:rgb(255, 255, 255);font-family:sans-
serif;">&#8377;900</span>
</pre></td>
<td><pre style="font-size:15px;color:white;font-family:sans-serif;">&nbsp;&nbsp;&nbsp;

```

[illegible]

<pre>&lt;span style="font-size:20px;color:rgb(255, 255, 255);font-family:sans- serif;"&gt;&amp;#8377;99&lt;/span&gt; &lt;/pre&gt;&lt;/td&gt;</pre>
<pre>&lt;td&gt;&lt;pre style="font-size:15px;color:white;font-family:sans-serif;"&gt;&lt;img src="birdbath.jpg" style="border-radius:15px;width:247px;"&gt;</pre>

```
<span style="font-size:20px;color:rgb(255, 255, 255);font-family:sans-serif;">&#8377;750</span>
</pre></td>
```

```

</tr>
</table>
</div>
<h1 style="font-family:sans-serif;font-weight:300;font-size:25px;color:white;">Your
Shopping Cart</h1>
<div id="cart" style="background-color:rgb(42,42,42);font-family:sans-serif;font-
weight:400;font-size:13px;color:white;">
  <ul id="cart-items">
  </ul>
  <p>Total: $<span id="cart-total">0.00</span></p>
<button onclick="placeOrder()">Place Order</button>
</div>

```

```
<div style="background-color:rgb(42,42,42);font-family:sans-serif;font-weight:400;font-size:13px;color:white;">
<pre style="font-family:sans-serif;color:white;">
```

```
  
```

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 Non-US transaction through Sniffy Nosses International \$,  
 a.r.l.

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[Privacy Policy](#)

[Store Refund Policy](#)

```
</pre>
```

```
</div>
```

```
<script>
```

```
const cart = [];  
const cartItems = document.getElementById('cart-items');  
const cartTotal = document.getElementById('cart-total');  
const cartSection = document.getElementById('cart');  
const orderSuccessMessage = document.getElementById('order-success');
```

```
function addToCart(itemName, itemPrice) {  
  cart.push({ name: itemName, price: itemPrice });  
  updateCart();  
}
```

```
function updateCart() {  
  cartItems.innerHTML = "";  
  let total = 0;  
  cart.forEach(item => {  
    const li = document.createElement('li');  
    li.innerText = `${item.name} - ${item.price.toFixed(2)} `;  
    cartItems.appendChild(li);  
    total += item.price;  
  });  
  cartTotal.innerText = total.toFixed(2);  
  if (cart.length > 0) {  
    cartSection.style.display = 'block';  
  }  
}
```

```
function placeOrder() {  
  // You can implement the order placement logic here (e.g., sending data to a server).  
  // For now, we'll just show a success message and clear the cart.  
  cart.length = 0; // Clear the cart  
  updateCart(); // Update the cart display
```

```
  // Set a flag in the URL  
  const url = new URL(window.location.href);  
  url.searchParams.set('orderPlaced', 'true');
```

```
  // Redirect to the success page  
  window.location.href = 'order-success.html' + url.search;
```



```
}  
</script>  
</body>  
</html>
```

CAD\_Phase5 (1).pdf

Sniffly Noses

T/E-COM/index.html

☆


📄

📁

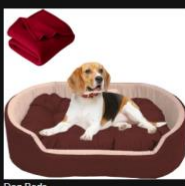
🔍

All Bookmarks


Dogs Delight




Collars and Leashes  
-25% ₹999 ₹704.25  
Add to Cart




Dog Beds  
-15% ₹1,129 ₹1,002.15  
Add to Cart



Toys  
-20% ₹939 ₹751.20  
Add to Cart






Food and Water Bowls  
-20% ₹309 ₹230  
Add to Cart




Pet First Aid Kit  
-50% ₹4,865 ₹2,427.25  
Add to Cart


Cats Supplies




Birds




Cages and Aviaries  
₹900



Feeding Accessories  
₹180






Bird Food  
₹99



Bird Baths  
₹750

Your Shopping Cart



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## JS CODE FOR ADD ITEM TO CART

### SOURCE CODE

```
<script>
    const cart = [];
    const cartItems = document.getElementById('cart-items');
    const cartTotal = document.getElementById('cart-total');
    const cartSection = document.getElementById('cart');
    const orderSuccessMessage = document.getElementById('order-success');

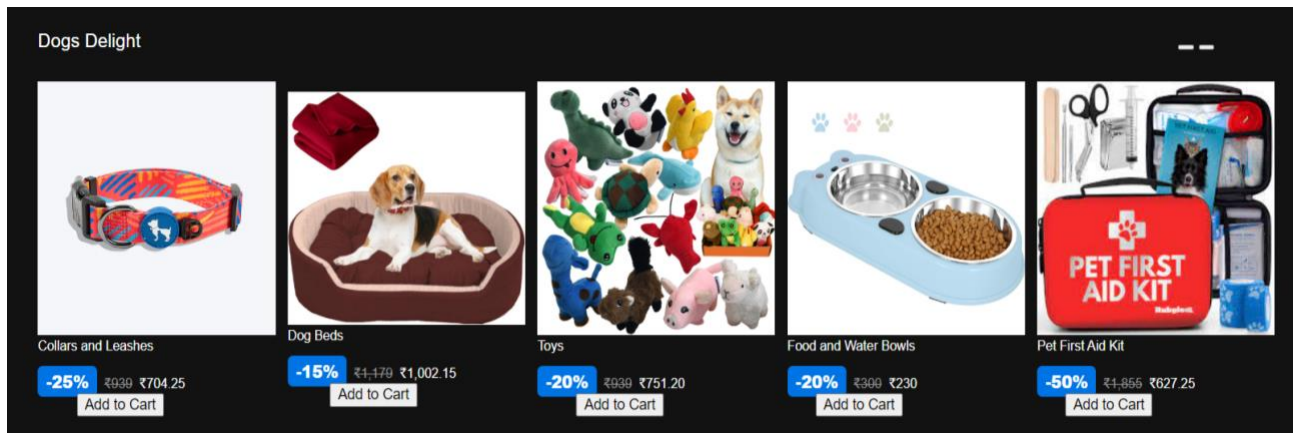
    function addToCart(itemName, itemPrice) {
        cart.push({ name: itemName, price: itemPrice });
        updateCart();
    }

    function updateCart() {
        cartItems.innerHTML = "";
        let total = 0;
        cart.forEach(item => {
            const li = document.createElement('li');
            li.innerText = `${item.name} - ${item.price.toFixed(2)} `;
            cartItems.appendChild(li);
            total += item.price;
        });
        cartTotal.innerText = total.toFixed(2);
        if (cart.length > 0) {
            cartSection.style.display = 'block';
        }
    }
</script>
```

### ADD TO CART BUTTON

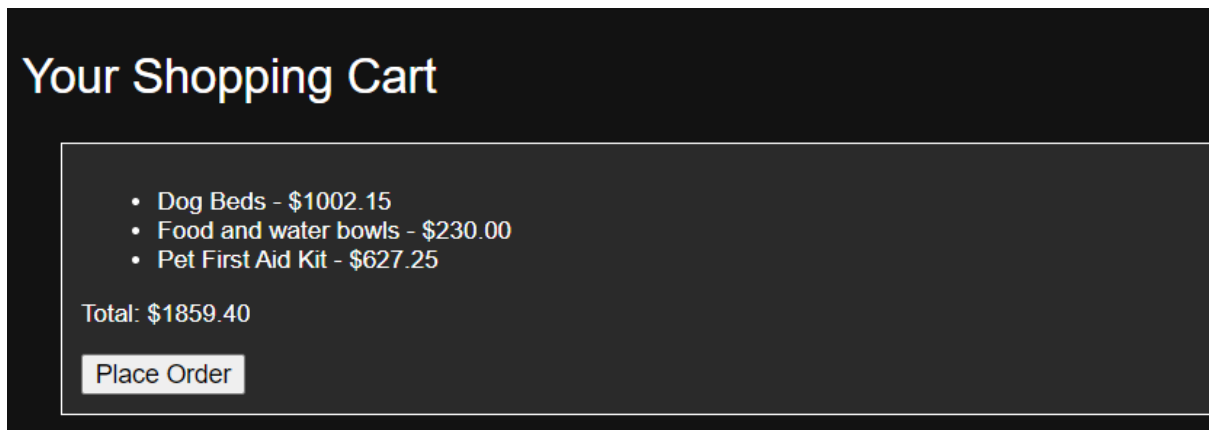
```
<pre style="font-size:12px;color:white;font-family:sans-serif;">
Dog Beds

<span style="background-color:rgb(0,116,228);padding:3px;border-radius:5px;font-
weight:800;font-size:15px;"> -15% </span> <span
style="color:rgb(151,151,151);"><s>#8377;1,179</s></span>
<span>#8377;1,002.15</span>
<button onclick="addToCart('Dog Beds', 1002.15)">Add to Cart</button>
</pre>
```



## CART DETAILS DISPLAYING SECTION

```
<h1 style="font-family:sans-serif;font-weight:300;font-size:25px;color:white;">Your Shopping Cart</h1>
<div id="cart" style="background-color:rgb(42,42,42);font-family:sans-serif;font-weight:400;font-size:13px;color:white;">
  <ul id="cart-items">
  </ul>
  <p>Total: $<span id="cart-total">0.00</span></p>
  <button onclick="placeOrder()">Place Order</button>
</div>
```



## PLACE ORDER JAVASCRIPT CODE

```
<script>
function placeOrder() {
  // You can implement the order placement logic here (e.g., sending data to a server).
  // For now, we'll just show a success message and clear the cart.
  cart.length = 0; // Clear the cart
  updateCart(); // Update the cart display
}
```

```
// Set a flag in the URL
const url = new URL(window.location.href);
url.searchParams.set('orderPlaced', 'true');

// Redirect to the success page
window.location.href = 'order-success.html' + url.search;
}
</script>
```

## ORDER SUCCESSFULLY PLACED PAGE

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Order Success</title>
  <style>
    .success-message {
      text-align: center;
      font-size: 24px;
      color: green;
    }
    .tick-mark {
      font-size: 48px;
      color: green;
    }
  </style>
</head>
<body>
  <div class="success-message">
    <span class="tick-mark">&#10004;</span> Order Successfully Placed
  </div>
</body>
</html>
```



✓ Order Successfully Placed