

DOMAIN NAME : CLOUD COMPUTING

PROJECT NAME : E-Commerce application on cloud foundry

CREATING E-COMMERCE WEBSITE

PROBLEM DEFINITION:

DESIGN THINKING:

Creating an Ecommerce web application on Cloud Foundry that is hosted and managed on the Cloud Foundry platform.

PURPOSE OF WEBSITE:

The purpose of an ecommerce application is to provide a platform for businesses to sell products and services online. Ecommerce applications allow businesses to reach a wider audience and make it easier for customers to shop for their products and services.

TARGET AUDIENCE:

The target audience for an ecommerce application can vary depending on the specific products or services that the application is selling. However, some common target audiences for ecommerce applications includes: Consumers, Businesses, Government agencies.

FEATURES:

Ecommerce applications make it easy for customers to shop for products and services online. Customers can browse and search for products, add them to their cart, and purchase them with just a few clicks. Ecommerce applications can also

offer a variety of payment options and shipping options, making it convenient and affordable for customers to shop online.

SOURCE CODE

HTML:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Ecommerce Application</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <header>

        <h1>Ecommerce Application</h1>

    </header>

    <main>

        <section id="product-list">

            <h2>Products</h2>

            <ul>

                <li>
```


<h3>Product 1</h3>

<p>\$10.00</p>

Add to Cart

<h3>Product 2</h3>

<p>\$20.00</p>

Add to Cart

<h3>Product 3</h3>

<p>\$30.00</p>

Add to Cart

</section>

</main>

<footer>

<p>Copyright © 2023 Ecommerce Application</p>

</footer>

```
</body>
```

```
</html>
```

CSS

```
body {
```

```
    font-family: sans-serif;
```

```
}
```

```
header {
```

```
    text-align: center;
```

```
}
```

```
main {
```

```
    max-width: 960px;
```

```
    margin: 0 auto;
```

```
}
```

```
section {
```

```
    padding: 20px;
```

```
}
```

```
h2 {
```

```
    font-size: 24px;
```

```
    margin-bottom: 10px;
```

```
}
```

```
ul {
```

```
    list-style-type: none;
```

```
padding: 0;  
}
```

```
li {  
    display: inline-block;  
    margin: 0 10px;  
}
```

```
img {  
    width: 100px;  
    height: 100px;  
    object-fit: cover;  
}
```

```
h3 {  
    font-size: 18px;  
    margin-bottom: 5px;  
}
```

```
p {  
    font-size: 16px;  
}
```

```
a {  
    text-decoration: none;  
    color: #000;  
}
```

```
a:hover {  
    color: #f00;  
}  
  
footer {  
    text-align: center;  
    padding: 20px;  
}
```

CONCLUSION:

Ecommerce applications have become increasingly popular in recent years, as they offer a convenient and efficient way for customers to shop online. Ecommerce applications allow customers to browse and purchase products from a variety of retailers, all from the convenience of their own home. Ecommerce applications offer a number of benefits for both customers and businesses. For customers, ecommerce applications offer a wider selection of products to choose from, lower prices, and the convenience of shopping from home. For businesses, ecommerce applications can help to increase sales, reach a wider customer base, and reduce costs.

