



K. J. Somaiya Polytechnic, Mumbai-77

Batch No: C2 & C3

Enrollment No.: FCOG19148, FCOG19161 & FCOG19134

Experiment No: Project

Experiment Name: Mini Project

K .J. Somaiya Polytechnic, Mumbai-77

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Outcomes:

O18BC56.3. Perform Basic operations using PERL & JSP.

O18BC56.4. Develop web application using PERL & JSP.

Theory:

What is our E-commerce website?

A website that allows people to buy and sell physical goods, services, and digital products over the internet rather than at a brick-and-mortar location. Through an e-commerce website, a business can process orders, accept payments, manage shipping and logistics, and provide customer service. There are three main types of e-commerce: business-to-business (websites such as Shopify), business-to-consumer (websites such as Amazon), and consumer-to-consumer (websites such as eBay).

Advantages of E-commerce website: -

- Faster buying process
- Store and product listing creation
- Cost reduction
- Affordable advertising and marketing
- Flexibility for customers
- No reach limitations
- Product and price comparison
- Faster response to buyer/market demands
- Several payment methods

Disadvantages of E-commerce website: -

- Security
- Site crash
- Late delivery sometimes
- Severe competition
- Shipping problems
- Huge technological cost

Languages used in our project: -

- Perl CGI
- HTML
- JSP
- CSS
- SQL
- JavaScript

Project Description:

[Introduction to Project]

Our E-commerce website “**The Little Things**” allows people to buy and sell physical goods, services, and digital products over the internet. We have no online transactions so there is no fear of online frauds. The user has to first sign up and if already then just sign in the website. The user will be redirected to our home page. The user can go through the products he/she is looking for a very reasonable price. He/she can view their products which they have added. Also the ordered products by the customer can be viewed. With the feature add product new, trendy and affordable products can be added. The user can even update their profile. The little things have COD [Cash on delivery] facility so that the customer can pay at their doorsteps without getting feared of the online frauds. Description and details of every product is available on the website. Our mission is to make every customer happy and satisfy their demands. Lastly, our vision is

to go global with our brand.

Mini Project Code:

➤ HTML Programs: -

1. Sign in page code: -

```
<!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">
```

```
<link rel="stylesheet" href="/css/form.css">
```

```
<link rel="icon" type="image/png" href="images/favicon.png" sizes="80x80">
```

```
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css" />
```

```
<title>SIGN IN</title>
```

```
</head>
```

```
<body>
```

```
<section>
```

```
<div class="container">
```

```
<div class="user signInBox">
```

```
<div class="imgBx">
```

```

</div>
<div class="formBx">
  <form action="/jsp/sign-in.jsp" method="POST">
    <div id="loading"></div>
    <h3 class="logo">The Little Things</h3>
    <h2>SIGN IN</h2>
    <input required type="email" placeholder="Enter your email address"
name="email">
    <input required type="password" placeholder="Enter password"
name="password">
    <input type="submit" value="Sign In" name="login"
class="signUpButton">
    <p class="signup">Don't have an account ? <a href="/sign-
up.html">SIGN IN</a></p>
  </form>
</div>
</div>
</div>
</section>
</body>

</html>
```

2. Sign up page code: -

```
<!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">
```

```
<link rel="stylesheet" href="/css/form.css">
```

```
<link rel="icon" type="image/png" href="images/favicon.png" sizes="80x80">
```

```
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css" />
```

```
<title>SIGN UP</title>
```

```
</head>
```

```
<body>
```

```
<section>
```

```
<div class="container">
```

```
<div class="user signInBox">
```

```
<div class="imgBx">
```

```

```

```
</div>
```

```
<div class="formBx">
```

```
<form action="/jsp/sign-up.jsp" method="POST">

  <div id="loading"></div>

  <h3 class="logo">The Little Things</h3>

  <h2>SIGN UP</h2>

  <input required type="text" placeholder="Enter your full name"
name="name">

  <input required type="email" placeholder="Enter email address"
name="email">

  <div class="wrap-icons">

    <input required type="password" placeholder="Enter password"
name="password">

    <small class="show-hide"><img alt="eye icon" data-bbox="448 453 471 471"/></small>

  </div>

  <input type="submit" value="Sign Up" name="login"
class="signUpButton">

  <p class="signup">Already have an account ? <a href="/sign-
in.html">SIGN IN</a></p>

</form>

</div>

</div>

</div>

</section>

</body>
```

</html>

➤ JSP Programs: -

1. Homepage code: -

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
```

```
<% @page import = "java.io.*" %>
```

```
<% @page import = "java.sql.*"%>
```

```
<%
```

```
    if(session.getAttribute("user_id") == null) {
```

```
        %>
```

```
        <script>
```

```
            alert("Please login to get access!");
```

```
            window.location.replace('./sign-in.html');
```

```
        </script>
```

```
        <%
```

```
    }
```

```
%>
```

```
<!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">

<link rel="stylesheet" href="/css/home.css">

<title>Home</title>

</head>


<body>


<!-- HOME BANNER SCREEN -->

<section class="home-banner">

  <div class="circle"></div>

  <header>

    <h3 class="logo">The little things</h3>

    <ul class="navigation">

      <li><a href="/index.jsp">Home</a></li>

      <li><a href="http://localhost/ecommerce-website/cgi/all-products.cgi">All
products</a></li>

      <li><a href="/my-products.jsp">My products</a></li>

      <li><a href="/view-orders.jsp">View orders</a></li>

      <li><a href="/add-product.jsp">Add product</a></li>

      <li><a href="/profile.jsp">Profile</a></li>
```

```
<li><a href="./jsp/logout.jsp">Logout</a></li>
```

```
</ul>
```

```
</header>
```

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

```
<div class="textBox">
```

```
<h2>A modern approach to shopping...</h2>
```

```
<p>Little Things is a place where you will find the products you require  
online. The benefit is that there are no online transactions on our website so online  
frauds are impossible to take place. Our mission to take satisfy all our customers  
by fulfilling their demands they make on our contact number given below. And our  
vision is to go global with our brand. Please do visit again! And if you are a first  
time comer welcome to our website.</p>
```

```
<a href="#">All Products</a>
```

```
</div>
```

```
<div class="imageBox">
```

```

```

```
</div>
```

```
</div>
```

```
</section>
```

```
<!-- ALL PRODUCTS -->
```

```
<h2 class="products-heading">All Products</h2><br>
```

```
<section class="all-products">
```

```

<div class="grid">

<%

String databaseUrl = "jdbc:mysql://localhost:3306/ecommerce_site";

try {

    // make database connection

    Class.forName("com.mysql.cj.jdbc.Driver");

    Connection connection = DriverManager.getConnection(databaseUrl, "root",
    "");

    if(connection != null) {

        String selectQuery = "SELECT * FROM products ORDER BY id DESC
        LIMIT 8";

        PreparedStatement selectQueryPreparedStatement =
        connection.prepareStatement(selectQuery);

        ResultSet selectQueryResultSet =
        selectQueryPreparedStatement.executeQuery();

        while(selectQueryResultSet.next()) {

            %>

            <div class="grid-item">

                <div class="card">

                    <img

```

```

src=<%= selectQueryResultSet.getString("url")
%>

alt="" class="card-img">

<div class="card-content">

    <h1 class="card-header"><%=
selectQueryResultSet.getString("name") %></h1>

    <p class="card-text"><%=
selectQueryResultSet.getString("description") %></p>

    <a class="card-btn" href="./view-
product.jsp?id=<%= selectQueryResultSet.getString("id") %>">View Product</a>

</div>

</div>

</div>

    <%
    }
    }

}catch(SQLException e) {

    System.out.println(e.getMessage());

}

%>

</div>

```

```
</section>
```

```
</body>
```

```
</html>
```

2. My products page code: -

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```
    pageEncoding="ISO-8859-1"%>
```

```
<% @page import = "java.io.*" %>
```

```
<% @page import = "java.sql.*"%>
```

```
<%
```

```
    if(session.getAttribute("user_id") == null) {
```

```
        %>
```

```
        <script>
```

```
            alert("Please login to get access!");
```

```
            window.location.replace('./sign-in.html');
```

```
        </script>
```

```
        <%
```

```
    }
```

```
%>
```

```
<!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">
```

```
<link rel="stylesheet" href="/css/all-products.css">
```

```
<title>All Products</title>
```

```
</head>
```

```
<body>
```

```
<!-- NAVBAR -->
```

```
<% @ include file="/navbar.html" %>
```

```
<h2 class="products-heading">My Products</h2>
```

```
<section class="all-products">
```

```
<div class="grid">
```

```
<%
```

```
String databaseUrl = "jdbc:mysql://localhost:3306/ecommerce_site";
```

```

try {
    // make database connection
    Class.forName("com.mysql.cj.jdbc.Driver");
    Connection connection = DriverManager.getConnection(databaseUrl, "root",
    "");
    String userId = session.getAttribute("user_id").toString();

    if(connection != null) {
        String selectQuery = "SELECT * FROM products WHERE user_id = ?
        ORDER BY id DESC LIMIT 8";

        PreparedStatement selectQueryPreparedStatement =
        connection.prepareStatement(selectQuery);

        selectQueryPreparedStatement.setString(1, userId);

        ResultSet selectQueryResultSet =
        selectQueryPreparedStatement.executeQuery();

        while(selectQueryResultSet.next()) {
            %>
            <div class="grid-item">
                <div class="card">
                    <img
                        src=<%= selectQueryResultSet.getString("url")
            %>
        }
    }
}

```

```

        alt="" class="card-img">

        <div class="card-content">

            <h1 class="card-header"><%=
selectQueryResultSet.getString("name") %></h1>

            <p class="card-text"><%=
selectQueryResultSet.getString("description") %></p>

            <a class="card-btn" href="/view-
product.jsp?id=<%= selectQueryResultSet.getString("id") %>">View Product</a>

            <div class="card-options">

                <a class="card-btn-edit" href="/edit-
product.jsp?id=<%= selectQueryResultSet.getString("id") %>">Edit</a>

                <a class="card-btn-delete"
href="/jsp/delete-product.jsp?id=<%=
selectQueryResultSet.getString("id")%>">Delete</a>

            </div>

        </div>

    </div>

</div>

</div>

    <%

    }

}

```

```

    } catch(SQLException e) {

        System.out.println(e.getMessage());

    }

```



```
%>
```

```
</div>
```

```
</section>
```

```
</body>
```

```
</html>
```

3. View Ordered product page code: -

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```
    pageEncoding="ISO-8859-1"%>
```

```
<% @page import = "java.io.*" %>
```

```
<% @page import = "java.sql.*"%>
```

```
<%
```

```
    if(session.getAttribute("user_id") == null) {
```

```
        %>
```

```
        <script>
```

```
            alert("Please login to get access!");
```

```
            window.location.replace('./sign-in.html');
```

```
        </script>
```

```
    <%
```

```
}
```

```
%>
```

```
<!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">
```

```
<link rel="stylesheet" href="/css/view-orders.css">
```

```
<title>View Orders</title>
```

```
</head>
```

```
<body>
```

```
<!-- HOME BANNER SCREEN -->
```

```
<section class="home-banner">
```

```
<div class="circle"></div>
```

```
<header>
```

```
<h3 class="logo">The little things</h3>
```

```
<ul class="navigation">
```

```
<li><a href="./index.jsp">Home</a></li>

<li><a href="http://localhost/ecommerce-website/cgi/all-products.cgi">All
products</a></li>

<li><a href="./my-products.jsp">My products</a></li>

<li><a href="./view-orders.jsp">View orders</a></li>

<li><a href="./add-product.jsp">Add product</a></li>

<li><a href="./profile.jsp">Profile</a></li>

<li><a href="./jsp/logout.jsp">Logout</a></li>

</ul>

</header>

</section>
```

```
<!-- ALL PRODUCTS -->
```

```
<h2 class="products-heading">My ordered products</h2><br>
```

```
<section class="all-products">
```

```
<div class="grid">
```

```
<%
```

```
String databaseUrl = "jdbc:mysql://localhost:3306/ecommerce_site";
```

```
String userId = session.getAttribute("user_id").toString();
```

```
try {
```

```
    // make database connection
```

```
Class.forName("com.mysql.cj.jdbc.Driver");

Connection connection = DriverManager.getConnection(databaseUrl, "root",
"");

if(connection != null) {

    String selectQuery = "SELECT * FROM user_products WHERE user_id =
    "" + userId + """;

    PreparedStatement selectQueryPreparedStatement =
    connection.prepareStatement(selectQuery);

    ResultSet selectQueryResultSet =
    selectQueryPreparedStatement.executeQuery();

    while(selectQueryResultSet.next()) {

        String productId = selectQueryResultSet.getString("product_id");

        String orderId = selectQueryResultSet.getString("order_id");

        String selectProductQuery = "SELECT * FROM products WHERE id
        = "" + productId + """;

        String selectOrderQuery = "SELECT * FROM orders WHERE id = ""
        + orderId + """;

        PreparedStatement selectProductPrepareStatement =
        connection.prepareStatement(selectProductQuery);
```

```
PreparedStatement selectOrderPrepareStatement =  
connection.prepareStatement(selectOrderQuery);
```

```
ResultSet selectProductResultSet =  
selectProductPrepareStatement.executeQuery();
```

```
ResultSet selectOrderResultSet =  
selectOrderPrepareStatement.executeQuery();
```

```
if(selectProductResultSet.next() && selectOrderResultSet.next()) {  
    %>  
    <div class="grid-item">  
        <div class="card">  
            "  
                alt="" class="card-img">  
            <div class="card-content">  
                <h1 class="card-header"><%=  
selectProductResultSet.getString("name") %></h1>  
                <h3>Quantity: <%=  
selectOrderResultSet.getString("quantity") %></h3>  
                <h3>Price: <%=  
selectProductResultSet.getString("price") %></h3>
```

```
        <h3>Total price: <%=  
selectOrderResultSet.getString("total_price") %></h3>
```

```
        <h3>Payment method: <%=  
selectOrderResultSet.getString("payment_method") %></h3>
```

```
    </div>
```

```
</div>
```

```
</div>
```

```
    <%
```

```
    }
```

```
    }
```

```
}
```

```
    }catch(SQLException e) {
```

```
        System.out.println(e.getMessage());
```

```
    }
```

```
%>
```

```
</div>
```

```
</section>
```

```
</body>
```

</html>

4. Add product page code: -

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
```

```
<% @page import = "java.io.*" %>
```

```
<% @page import = "java.sql.*"%>
```

```
<%
```

```
    if(session.getAttribute("user_id") == null) {
```

```
        %>
```

```
        <script>
```

```
            alert("Please login to get access!");
```

```
            window.location.replace('./sign-in.html');
```

```
        </script>
```

```
    <%
```

```
    }
```

```
%>
```

```
<!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">

<link rel="stylesheet" href="./css/add-product.css">

<title>Add Product</title>

</head>
```

```
<body>

<!-- HOME BANNER SCREEN -->

<section class="home-banner">

<header>

<h3 class="logo">The little things</h3>

<ul class="navigation">

<li><a href="./index.jsp">Home</a></li>

<li><a href="./all-products.jsp">All products</a></li>

<li><a href="./my-products.jsp">My products</a></li>

<li><a href="./view-product.jsp">View orders</a></li>

<li><a href="./add-product.jsp">Add product</a></li>

<li><a href="./profile.jsp">Profile</a></li>

<li><a href="./jsp/logout.jsp">Logout</a></li>

</ul>
```



```
</header>
```

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

```
<div class="imageBox">
```

```

```

```
</div>
```

```
<form action="/jsp/add-product.jsp" method="post">
```

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

```
<label for="">Enter product name</label><br>
```

```
<input required type="text" name="name" id="name" placeholder="Product  
name">
```

```
</div>
```

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

```
<label for="">Enter product description</label><br>
```

```
<textarea required name="description" id="description" cols="30" rows="3"  
placeholder="Product description"></textarea>
```

```
</div>
```

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

```
<label for="">Enter product price</label><br>
```

```
<input required type="number" name="price" id="price"  
placeholder="Product price">
```

```
</div>
```

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

```
<label for="">Product url</label><br>
<input required type="text" name="url" id="url" placeholder="Product url">
</div>
<div class="form-control">
  <label for="">Available stock</label><br>
  <input required type="number" name="stock" id="stock"
placeholder="Available stock">
</div>
<div class="form-control">
  <label for="">Select category</label><br>
  <select id="category" name="category">
    <option value="trending">Trending</option>
    <option value="new_arrival">New Arrival</option>
    <option value="most_popular">Most Popular</option>
  </select>
</div>
<button type="submit" class="btn">Submit</button>
</form>
</div>
</section>

</body>
```

</html>

5. Profile page code: -

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
```

```
<% @page import = "java.io.*" %>
```

```
<% @page import = "java.sql.*"%>
```

```
<%
```

```
    if(session.getAttribute("user_id") == null) {
```

```
        %>
```

```
        <script>
```

```
            alert("Please login to get access!");
```

```
            window.location.replace('./sign-in.html');
```

```
        </script>
```

```
        <%
```

```
    }
```

```
%>
```

```
<!DOCTYPE html>
```

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

```
<head>

  <title>Profile</title>

<style>

* {

  margin: 0;

  padding: 0;

  box-sizing: border-box;

  font-family: 'Roboto', sans-serif;

}

/* NAVIGATION */

.home-banner {

  position: relative;

  width: 100%;

  min-height: 10vh;

  display: flex;

  justify-content: space-between;

  align-items: center;

}

.home-banner header {

  position: absolute;

  top: 0;
```

```
left: 0;

width: 100%;

padding: 20px !important;

display: flex;

justify-content: space-between;

align-items: center;

}
```

```
header .logo {

  font-size: 24px;

  font-weight: 600;

  color: white;

  padding: 15px;

  border-radius: 50%;

  background: black;

}
```

```
header .navigation {

  position: relative;

  display: flex;

}
```

```
header .navigation li {
```

```
list-style: none;  
}
```

```
header .navigation li a {  
  display: inline-block;  
  color: #000;  
  font-weight: 500px;  
  text-decoration: none;  
  margin-left: 20px;  
  font-size: 18px;  
}
```

```
.card {  
  max-width: 340px;  
  overflow-y: auto;  
  position: relative;  
  z-index: 1;  
  overflow-x: hidden;  
  background-color: rgba(255, 255, 255, 1);  
  display: flex;  
  transition: 0.3s;  
  flex-direction: column;  
  border-radius: 10px;  
  box-shadow: 0 0 0 8px rgba(255, 255, 255, 0.2);
```

```
margin-top: 80px;  
margin-left: 35%;  
}
```

```
.title {  
  color: grey;  
  font-size: 18px;  
}
```

```
.update-profile-btn {  
  border: none;  
  outline: 0;  
  display: inline-block;  
  padding: 8px;  
  color: white;  
  background-color: #000;  
  text-align: center;  
  cursor: pointer;  
  width: 100%;  
  font-size: 18px;  
}
```

```
a {
```

```
text-decoration: none;

font-size: 22px;

color: black;

}


button:hover, a:hover {

    opacity: 0.7;

}

body

{

background: url('./images/profile-bg.jpg');

background-repeat: no-repeat;

background-size: cover;

background-position: center;

background-attachment: fixed;

display: flex;

flex-wrap: wrap;

padding: 20px;

text-align: center;

}

</style>

</head>
```



```

<body>

<!-- NAVBAR -->

<section class="home-banner">

    <header>

        <h3 class="logo">The Little Things</h3>

        <ul class="navigation">

            <li><a href="/index.jsp">Home</a></li>

            <li><a href="http://localhost/ecommerce-website/cgi/all-products.cgi">All
products</a></li>

            <li><a href="/my-products.jsp">My products</a></li>

            <li><a href="/view-orders.jsp">View orders</a></li>

            <li><a href="/add-product.jsp">Add product</a></li>

            <li><a href="/profile.jsp">Profile</a></li>

            <li><a href="/jsp/logout.jsp">Logout</a></li>

        </ul>

    </header>

</section>

<div class="card">

    <%

        String databaseUrl = "jdbc:mysql://localhost:3306/ecommerce_site";

        String userId = session.getAttribute("user_id").toString();

```

```

try {

    // make database connection

    Class.forName("com.mysql.cj.jdbc.Driver");

    Connection connection = DriverManager.getConnection(databaseUrl, "root",
    "");

    if(connection != null) {

        String selectQuery = "SELECT * FROM users WHERE id = " + userId;

        PreparedStatement selectQueryPreparedStatement =
        connection.prepareStatement(selectQuery);

        ResultSet selectQueryResultSet =
        selectQueryPreparedStatement.executeQuery();

        while(selectQueryResultSet.next()) {

            %>

            <h1><%= selectQueryResultSet.getString("name") %></h1>

            <p class="title">Email: <%=
            selectQueryResultSet.getString("email") %></p>

            <%

            }

        }

    }catch(SQLException e) {

        System.out.println(e.getMessage());
    }
}

```

```

    }

    %>

<div style="margin: 24px 0;">
    <a href="#"><i class="fa fa-dribbble"></i></a>
    <a href="#"><i class="fa fa-twitter"></i></a>
    <a href="#"><i class="fa fa-linkedin"></i></a>
    <a href="#"><i class="fa fa-facebook"></i></a>

</div>

<p><a href="/update-profile.jsp" class="update-profile-btn">Update
Profile</a></p>

</div>

</body>

</html>

```

6. Update Profile page code: -

```

<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>

<% @page import = "java.io.*" %>

<% @page import = "java.sql.*"%>

<%

```

```
        if(session.getAttribute("user_id") == null) {  
            %>  
            <script>  
                alert("Please login to get access!");  
                window.location.replace('./sign-in.html');  
            </script>  
            <%  
        }  
  
    %>  
  
<!DOCTYPE html>  
<html lang="en">  
  
<head>  
    <meta charset="utf-8">  
    <title>Update Profile</title>  
    <meta name="viewport" content="width=device-width, initial-scale=1">  
    <script src="https://code.jquery.com/jquery-1.10.2.min.js"></script>  
    <link  
href="https://netdna.bootstrapcdn.com/bootstrap/3.1.1/css/bootstrap.min.css"  
rel="stylesheet">
```

```
<script  
src="https://netdna.bootstrapcdn.com/bootstrap/3.1.1/js/bootstrap.min.js"></script  
>
```

```
<style type="text/css">
```

```
body {  
    margin-top: 10px;  
}
```

```
.avatar {  
    width: 200px;  
    height: 200px;  
}
```

```
button {  
    margin-left: 50%;  
    width: 150px;  
    height: 50px;  
    border: 1px solid;  
    border-color: white;  
    border-radius: 10px;  
}
```

```
* {  
    margin: 0;  
    padding: 0;  
    box-sizing: border-box;  
    font-family: 'Roboto', sans-serif;  
}
```

```
/* NAVIGATION */
```

```
.home-banner {  
    position: relative;  
    width: 100%;  
    min-height: 10vh;  
    display: flex;  
    justify-content: space-between;  
    align-items: center;  
    background-color: #fff;  
}
```

```
.home-banner header {  
    position: absolute;  
    top: 0;  
    left: 0;  
    width: 100%;
```

```
padding: 20px !important;  
display: flex;  
justify-content: space-between;  
align-items: center;  
}
```

```
header .logo {  
    font-size: 24px;  
    font-weight: 600;  
    color: white;  
    padding: 15px;  
    border-radius: 50%;  
    background: black;  
}
```

```
header .navigation {  
    position: relative;  
    display: flex;  
}
```

```
header .navigation li {  
    list-style: none;  
}
```

```
header .navigation li a {  
    display: inline-block;  
    color: #000;  
    font-weight: 500px;  
    text-decoration: none;  
    margin-left: 20px;  
    font-size: 18px;  
}  
</style>  
</head>  
  
<body>  
    <!-- NAVBAR -->  
    <section class="home-banner">  
        <header>  
            <h3 class="logo">The Little Things</h3>  
            <ul class="navigation">  
                <li><a href="./index.jsp">Home</a></li>  
                <li><a href="http://localhost/ecommerce-website/cgi/all-products.cgi">All  
products</a></li>  
                <li><a href="./my-products.jsp">My products</a></li>  
                <li><a href="./view-orders.jsp">View orders</a></li>
```



```
<li><a href="./add-product.jsp">Add product</a></li>
<li><a href="./profile.jsp">Profile</a></li>
<li><a href="./jsp/logout.jsp">Logout</a></li>
</ul>
</header>
</section><br><br>
```

```
<div class="container bootstrap snippets bootdey">
  <h1 class="text-primary">Edit Profile</h1>
  <hr>
  <div class="alert alert-info alert-dismissible">
    <a class="panel-close close" data-dismiss="alert">×</a>
    <i class="fa fa-coffee"></i>
    <center>This is an <strong>alert</strong> for the user to display the important
    messages.</center>
  </div><br>
  <h3>Personal info</h3>
  <div class="row">
    <!-- left column -->
    <div class="col-md-3">
      <div class="text-center">
        
    </div>
</div>
```

```
<!-- edit form column -->
```

```
<div class="col-md-9 personal-info">
```

```
<%
```

```
String databaseUrl = "jdbc:mysql://localhost:3306/ecommerce_site";
```

```
String id = session.getAttribute("user_id").toString();
```

```
try {
```

```
    // make database connection
```

```
    Class.forName("com.mysql.cj.jdbc.Driver");
```

```
    Connection connection = DriverManager.getConnection(databaseUrl, "root",
    "");
```

```
    if(connection != null) {
```

```
        String selectQuery = "SELECT * FROM users WHERE id = " + id;
```

```
        PreparedStatement selectQueryPreparedStatement =
        connection.prepareStatement(selectQuery);
```

```
        ResultSet selectQueryResultSet =
        selectQueryPreparedStatement.executeQuery();
```

```

while(selectQueryResultSet.next()) {

    %>

    <form class="form-horizontal" role="form" method="POST"
action="/jsp/update-profile.jsp">

        <div class="form-group">

            <label class="col-lg-3 control-label">Username
: </label>

            <div class="col-lg-8">

                <input required value="<%=
selectQueryResultSet.getString("name") %>" class="form-control" name="name"
type="text" placeholder="Enter your Username Here"><br>

            </div>

            <div class="form-group">

                <label class="col-lg-3 control-label">Email:</label>

                <div class="col-lg-8">

                    <input required readonly value="<%=
selectQueryResultSet.getString("email") %>" name="email" class="form-control"
type="text" placeholder=" Enter your Email Here">

                </div>

            </div>

            </div>

            <button type="submit" style="background-
color:#ADD8E6"> Save Changes </button>

```

```

        </form>

        <%
            }
        }
    }catch(SQLException e) {
        System.out.println(e.getMessage());
    }

%>

</div>
</div>
<hr>
</div>

</body>

</html>

```

8. View product page code: -

```

<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>

<% @page import = "java.io.*" %>

```

```
<% @page import = "java.sql.*"%>
```

```
<%
```

```
    if(session.getAttribute("user_id") == null) {
```

```
        %>
```

```
        <script>
```

```
            alert("Please login to get access!");
```

```
            window.location.replace('./sign-in.html');
```

```
        </script>
```

```
    <%
```

```
    }
```

```
%>
```

```
<!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">
```

```
    <link rel="stylesheet" href="./css/view-product.css">
```

```
    <title>View Product</title>
```

</head>

<body>

<!-- HOME BANNER SCREEN -->

<section class="home-banner">

<div class="circle"></div>

<header>

<h3 class="logo">The little things</h3>

<ul class="navigation">

Home

All products

My products

View orders

Add product

Profile

Logout

</header>

<%

String databaseUrl = "jdbc:mysql://localhost:3306/ecommerce_site";

```

        if(request.getParameter("id") == null) {
            response.sendRedirect("./index.jsp");
            return;
        }

        String productId = request.getParameter("id").toString();

        try {
            // make database connection
            Class.forName("com.mysql.cj.jdbc.Driver");
            Connection connection = DriverManager.getConnection(databaseUrl, "root",
            "");

            if(connection != null) {
                String selectQuery = "SELECT * FROM products WHERE id = " +
                productId;

                PreparedStatement selectQueryPreparedStatement =
                connection.prepareStatement(selectQuery);

                ResultSet selectQueryResultSet =
                selectQueryPreparedStatement.executeQuery();

                while(selectQueryResultSet.next()) {

```

String available =
Integer.parseInt(selectQueryResultSet.getString("stock")) > 0 ? "Yes" : "No";

%>

```
<div class="content">

    <div class="imageBox">

        " alt="">

    </div>

    <div class="product-content">

        <div class="form-control">

            <label for="">Product name</label><br>

            <h4><%=
selectQueryResultSet.getString("name")%></h3>

        </div>

        <div class="form-control">

            <label for="">Product description</label><br>

            <p><%=
selectQueryResultSet.getString("description")%></p>

        </div>

        <div class="form-control">

            <label for="">Product price</label><br>

            <h4><%=
selectQueryResultSet.getString("price")%></h3>
```



```

        </div>

        <div class="form-control">

            <label for="">Available</label><br>

            <h4><%= available%></h3>

        </div>

        <div class="form-control">

            <label for="">Category</label><br>

            <h4><%=
selectQueryResultSet.getString("category")%></h3>

        </div>

        <a type="submit" href="./place-order.jsp?id=<%=
productId %>" class="btn">Checkout</a>

    </div>

</div>

<%

    }

}

} catch(SQLException e) {

    System.out.println(e.getMessage());

}

%>

```

</section>

</body>

</html>

9. Place Order page code: -

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```
    pageEncoding="ISO-8859-1"%>
```

```
<% @page import = "java.io.*" %>
```

```
<% @page import = "java.sql.*"%>
```

```
<%
```

```
    if(session.getAttribute("user_id") == null) {
```

```
        %>
```

```
        <script>
```

```
            alert("Please login to get access!");
```

```
            window.location.replace('./sign-in.html');
```

```
        </script>
```

```
        <%
```

```
    }
```

```
%>
```

```
<!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">
```

```
<link rel="stylesheet" href="/css/add-product.css">
```

```
<title>Place Order</title>
```

```
</head>
```

```
<body>
```

```
<!-- HOME BANNER SCREEN -->
```

```
<section class="home-banner">
```

```
<header>
```

```
<h3 class="logo">The little things</h3>
```

```
<ul class="navigation">
```

```
<li><a href="/index.jsp">Home</a></li>
```

```
<li><a href="http://localhost:3306/ecommerce-website/cgi/all-products.cgi">All products</a></li>
```

```
<li><a href="/my-products.jsp">My products</a></li>
```

```
<li><a href="./view-orders.jsp">View orders</a></li>
```

```
<li><a href="./add-product.jsp">Add product</a></li>
```

```
<li><a href="./profile.jsp">Profile</a></li>
```

```
<li><a href="./jsp/logout.jsp">Logout</a></li>
```

```
</ul>
```

```
</header>
```

```
<%
```

```
String databaseUrl = "jdbc:mysql://localhost:3306/ecommerce_site";
```

```
if(request.getParameter("id") == null) {  
    response.sendRedirect("./index.jsp");  
    return;  
}
```

```
String productId = request.getParameter("id").toString();
```

```
try {  
    // make database connection  
    Class.forName("com.mysql.cj.jdbc.Driver");  
    Connection connection = DriverManager.getConnection(databaseUrl, "root",  
    "");
```

```

        if(connection != null) {

            String selectQuery = "SELECT * FROM products WHERE id = " +
productId;

            PreparedStatement selectQueryPreparedStatement =
connection.prepareStatement(selectQuery);

            ResultSet selectQueryResultSet =
selectQueryPreparedStatement.executeQuery();

            while(selectQueryResultSet.next()) {

                String available =
Integer.parseInt(selectQueryResultSet.getString("stock")) > 0 ? "Yes" : "No";

                %>

                <div class="content">

                    <div class="imageBox">

                        " alt="">

                    </div>

                    <form action="/jsp/place-order.jsp" method="post">

                        <input value="<%= productId %>" type="hidden"
name="product_id">

                        <div class="form-control">

                            <label for="">Product name</label><br>

```

```

        <input value="<%=
selectQueryResultSet.getString("name") %>" readonly required type="text"
name="name" id="name" placeholder="Product name">

    </div>

    <div class="form-control">

        <label for="">Shipping address</label><br>

        <textarea required name="address" id="address"
cols="30" rows="3" placeholder="Shipping address"></textarea>

    </div>

    <div class="form-control">

        <label for="">Price</label><br>

        <input value="<%=
selectQueryResultSet.getString("price") %>" readonly required type="number"
name="price" id="price" placeholder="Product price">

    </div>

    <div class="form-control">

        <label for="">Quantity</label><br>

        <input required type="number" min="1"
name="quantity" id="quantity" placeholder="Product quantity">

    </div>

    <div class="form-control">

        <label for="">Total price</label><br>

        <input readonly required type="text"
name="total_price" id="total_price" placeholder="Total price">

    </div>

```

```

        <div class="form-control">
            <label for="">Payment method</label><br>
            <select id="payment_method"
name="payment_method">
                <option value="cod">Cash on Delivery</option>
            </select>
        </div>
        <button type="submit" class="btn">Place
order</button>
    </form>
</div>

```

```

        <%
    }
}
} catch(SQLException e) {
    System.out.println(e.getMessage());
}

```

```

%>

```

```

</section>

```

```
<script type="text/javascript" src="./javascript/place-order.js"></script>
</body>

</html>
```

➤ **CGI Program: -**

1. All products page code: -

```
#!/"C:\xampp\perl\bin\perl.exe"
```

```
use DBI;
```

```
use CGI ':standard';
```

```
print header;
```

```
print "<html lang='en'>";
```

```
print "<head>";
```

```
print "<link rel='stylesheet' href='../all-products.css'>";
```

```
print "<meta charset='UTF-8'>";
```

```
print "<meta http-equiv='X-UA-Compatible' content='IE=edge'>";
```

```
print "<meta name='viewport' content='width=device-width, initial-scale=1.0'>";
```

```
print "<title>All Products</title>";
```

```
print "</head>";
```

```
print "<body>";
```



```
print "<!-- NAVBAR -->";

    print "<section class='home-banner'>";

print "<header>";

    print "<h3 class='logo'>The little things</h3>";

    print "<ul class='navigation'>";

        print "<li><a
href='http://localhost:8080/EcommerceSite/index.jsp'>Home</a></li>";

        print "<li><a href='http://localhost/ecommerce-website/cgi/all-
products.cgi'>All products</a></li>";

        print "<li><a href='http://localhost:8080/EcommerceSite/my-
products.jsp'>My products</a></li>";

        print "<li><a href='http://localhost:8080/EcommerceSite/view-
orders.jsp'>View orders</a></li>";

        print "<li><a href='http://localhost:8080/EcommerceSite/add-
product.jsp'>Add product</a></li>";

        print "<li><a
href='http://localhost:8080/EcommerceSite/profile.jsp'>Profile</a></li>";

        print "<li><a
href='http://localhost:8080/EcommerceSite/jsp/logout.jsp'>Logout</a></li>";

    print "</ul>";

print "</header>";

print "</section>";


print "<div class='top-content'>";
```

```

    print "<h2 class='products-heading' style='text-align: center;'
id='allProducts'>All Products</h2>";

print "</div>";

print "<section class='all-products'>";

    print "<div class='grid'>";


    $my_connection = DBI->connect('DBI:mysql:ecommerce_site:localhost', 'root')
;

    $select_query = $my_connection->prepare("SELECT * FROM products");

    $result = $select_query->execute();


    while(($id,$name,$description,$price,$stock,$url,$user_id,$category) =
$select_query->fetchrow()){

        print "<div class='grid-item'>";

        print "<div class='card'>";

            print "<img

                src='$url'

                alt=" class='card-img'>";

            print "<div class='card-content'>";

                print "<h1 class='card-header'>$name</h1>";

                print "<p class='card-text'>$description</p>";

                print "<a class='card-btn' href='>View Product</a>";

            print "</div>";

        print "</div>";

```

```
    print "</div>";  
  }  
  
  print "</div>";  
  print "<script type='text/javascript' src='../javascript/show-alert.js'></script>";  
  print "</section>";  
  print "</body>";  
  
  print "</html>";
```

➤ **JavaScript Program: -**

1. Place-order.js: -

```
const priceField = document.getElementById('price');  
const quantityField = document.getElementById('quantity');  
const totalPriceField = document.getElementById('total_price');  
  
quantityField.addEventListener('keyup', (event) => {  
  const price = priceField.value * 1;  
  const quantity = Math.abs(quantityField.value * 1);  
  
  const totalPrice = price * quantity;  
  totalPriceField.value = totalPrice;  
  console.log(price, quantity, totalPrice);
```

```
});
```

➤ **SQL Database Program: -**

1. Ecommerce_site.sql: -

```
-- phpMyAdmin SQL Dump
```

```
-- version 5.1.1
```

```
-- https://www.phpmyadmin.net/
```

```
--
```

```
-- Host: 127.0.0.1
```

```
-- Generation Time: May 13, 2022 at 12:25 PM
```

```
-- Server version: 10.4.22-MariaDB
```

```
-- PHP Version: 8.0.13
```

```
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
```

```
START TRANSACTION;
```

```
SET time_zone = "+00:00";
```

```
/*!40101 SET
```

```
@OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
```

```
/*!40101 SET
```

```
@OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS
```

```
*/;
```

```
/*!40101 SET
@OLD_COLLATION_CONNECTION=@ @COLLATION_CONNECTION */;
```

```
/*!40101 SET NAMES utf8mb4 */;
```

```
--
```

```
-- Database: `ecommerce_site`
```

```
--
```

```
-----
```

```
--
```

```
-- Table structure for table `orders`
```

```
--
```

```
CREATE TABLE `orders` (
  `id` int(255) NOT NULL,
  `address` varchar(255) NOT NULL,
  `quantity` varchar(255) NOT NULL,
  `total_price` varchar(255) NOT NULL,
  `product_id` varchar(255) NOT NULL,
  `payment_method` varchar(255) NOT NULL,
  `user_id` varchar(255) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

--

-- Dumping data for table `orders`

--

```
INSERT INTO `orders` (`id`, `address`, `quantity`, `total_price`, `product_id`,  
`payment_method`, `user_id`) VALUES  
(1, '204, Nilkant Vihar, Vidhyavihar, Mumbai', '10', '450000', '8', 'cod', '10'),  
(2, 'Some place, which is not available on google map', '3', '1500', '4', 'cod', '10'),  
(3, 'Do something which someone cant every think', '2', '120000', '7', 'cod', '10');
```

-- -----

--

-- Table structure for table `products`

--

```
CREATE TABLE `products` (  
  `id` int(255) NOT NULL,  
  `name` varchar(255) NOT NULL,  
  `description` varchar(255) NOT NULL,  
  `price` int(255) NOT NULL,  
  `stock` int(255) NOT NULL,
```

```
`url` varchar(2550) NOT NULL,  
`user_id` int(255) NOT NULL,  
`category` varchar(255) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```
--
```

```
-- Dumping data for table `products`
```

```
--
```

```
INSERT INTO `products` (`id`, `name`, `description`, `price`, `stock`, `url`,  
`user_id`, `category`) VALUES
```

```
(1, 'A pink dress', 'Lorem ipsum dolor sit amet consectetur adipisicing elit.  
Dolorem cupiditate odit eligendi explicabo, nihil fugit laudantium quam, ipsum  
totam neque reiciendis ratione ipsam voluptatem at eaque rem aperiam dignissimos  
consectetur.', 2000, 10, 'https://img.freepik.com/free-photo/slender-girl-great-  
mood-is-having-fun-dancing-with-bag-her-hands-shot-italian-model-wrap-  
dress_197531-9980.jpg', 8, 'trending'),
```

```
(2, 'Smart Watch', 'Lorem ipsum dolor sit amet consectetur adipisicing elit.  
Dolorem cupiditate odit eligendi explicabo, nihil fugit laudantium quam, ipsum  
totam neque reiciendis ratione ipsam voluptatem at eaque rem aperiam dignissimos  
consectetur.', 5000, 200, 'https://img.freepik.com/free-psd/realistic-smart-watch-  
mockup_165789-538.jpg', 8, 'most_popular'),
```

```
(3, 'Mens Shoes', 'Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorem  
cupiditate odit eligendi explicabo, nihil fugit laudantium quam, ipsum totam neque  
reiciendis ratione ipsam voluptatem at eaque rem aperiam dignissimos  
consectetur.', 1000, 250, 'https://img.freepik.com/free-photo/unbranded-modern-  
sporty-shoes-sneakers-white-isolated_120794-337.jpg', 8, 'new_arrival'),
```

(4, 'Perfume Spray', 'Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorem cupiditate odit eligendi explicabo, nihil fugit laudantium quam, ipsum totam neque reiciendis ratione ipsam voluptatem at eaque rem aperiam dignissimos consectetur.', 500, 50, 'https://img.freepik.com/free-psd/glass-perfume-spray-bottle-packaging-mockup_439185-6236.jpg', 8, 'new_arrival'),

(5, 'Mens blue pant', 'Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorem cupiditate odit eligendi explicabo, nihil fugit laudantium quam, ipsum totam neque reiciendis ratione ipsam voluptatem at eaque rem aperiam dignissimos consectetur.', 800, 70, 'https://img.freepik.com/free-photo/fashion-men-accessories-new-trendy-blue-jeans_1357-154.jpg?t=st=1651844204~exp=1651844804~hmac=42942c930fcffc623266b47a0a2bc5358be5506136c5f61c3b329d21d950952f&w=1060', 10, 'trending'),

(7, 'Dell Laptop', 'Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorem cupiditate odit eligendi explicabo, nihil fugit laudantium quam, ipsum totam neque reiciendis ratione ipsam voluptatem at eaque rem aperiam dignissimos consectetur.', 60000, 800, 'https://img.freepik.com/free-psd/laptop-black-screen-mockup-digital-device_53876-98738.jpg?t=st=1651842655~exp=1651843255~hmac=781db7ab70b4da59d8fad1ac9b40cafdad0d8b9b0de275aea76be08755c285b7e&w=996', 10, 'most_popular'),

(8, 'Smart Phone', 'Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorem cupiditate odit eligendi explicabo, nihil fugit laudantium quam, ipsum totam neque reiciendis ratione ipsam voluptatem at eaque rem aperiam dignissimos consectetur. Completed', 45000, 300, 'https://img.freepik.com/free-psd/shiny-smartphone-mockup_1310-814.jpg?t=st=1651844532~exp=1651845132~hmac=980b57456ac91586cf747697927272e35db26af0e9cb173a18ab4d47a0fe7739&w=1060', 10, 'trending'),

(9, 'Sun Glasses', 'Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorem cupiditate odit eligendi explicabo, nihil fugit laudantium quam, ipsum totam neque reiciendis ratione ipsam voluptatem at eaque rem aperiam dignissimos consectetur.', 450, 61, 'https://img.freepik.com/free-photo/sunglasses-sand_1169-59.jpg?1&t=st=1651844340~exp=1651844940~hmac=d82d80f62f615135f99fe5d573a0cde62786c6fecc41dfe373fefdc264c11097&w=1380', 10, 'trending');

--

-- Table structure for table `users`

--

```
CREATE TABLE `users` (  
  `id` int(255) NOT NULL,  
  `name` varchar(255) NOT NULL,  
  `email` varchar(255) NOT NULL,  
  `password` varchar(255) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

--

-- Dumping data for table `users`

--

```
INSERT INTO `users` (`id`, `name`, `email`, `password`) VALUES  
(1, 'some one esle ', 'hsvhsh@hjhjdf.commmm', 'hudvhied'),  
(2, 'jsfjoij', 'jvnjs@Jdkd.com', 'hvudv'),  
(3, 'temp user', 'temp@gmail.comft', 'hivjidj'),  
(4, 'fhsuhfb', 'hivjh@Ihif.com', 'hvudhd'),
```

```
(5, 'fjdhih', 'hvidjh@Iidd.com', 'uudhvd'),  
(6, 'vjijdfi', 'bijdiv@Iif.com', 'hudhdv'),  
(7, 'dvdhihih', 'bvd@ihifv.com', 'gvudhvdv'),  
(8, 'Varshil Shah', 'varshil.as@somaiya.edu', 'root'),  
(10, 'Kavya Kavin Vasa', 'kavya.vasa@somaiya.edu', 'root');
```

```
-- -----
```

```
--
```

```
-- Table structure for table `user_products`
```

```
--
```

```
CREATE TABLE `user_products` (  
  `id` int(255) NOT NULL,  
  `user_id` varchar(255) NOT NULL,  
  `product_id` varchar(255) NOT NULL,  
  `order_id` varchar(255) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```
--
```

```
-- Dumping data for table `user_products`
```

```
--
```

```
INSERT INTO `user_products` (`id`, `user_id`, `product_id`, `order_id`) VALUES  
(1, '10', '8', '1'),  
(2, '10', '4', '2'),  
(3, '10', '7', '3');
```

```
--
```

```
-- Indexes for dumped tables
```

```
--
```

```
--
```

```
-- Indexes for table `orders`
```

```
--
```

```
ALTER TABLE `orders`
```

```
  ADD PRIMARY KEY (`id`);
```

```
--
```

```
-- Indexes for table `products`
```

```
--
```

```
ALTER TABLE `products`
```

```
  ADD PRIMARY KEY (`id`);
```

```
--
```

```
-- Indexes for table `users`
```

--

ALTER TABLE `users`

ADD PRIMARY KEY (`id`);

--

-- Indexes for table `user_products`

--

ALTER TABLE `user_products`

ADD PRIMARY KEY (`id`);

--

-- AUTO_INCREMENT for dumped tables

--

--

-- AUTO_INCREMENT for table `orders`

--

ALTER TABLE `orders`

MODIFY `id` int(255) NOT NULL AUTO_INCREMENT,
AUTO_INCREMENT=4;

--

-- AUTO_INCREMENT for table `products`

--

ALTER TABLE `products`

MODIFY `id` int(255) NOT NULL AUTO_INCREMENT,
AUTO_INCREMENT=10;

--

-- AUTO_INCREMENT for table `users`

--

ALTER TABLE `users`

MODIFY `id` int(255) NOT NULL AUTO_INCREMENT,
AUTO_INCREMENT=11;

--

-- AUTO_INCREMENT for table `user_products`

--

ALTER TABLE `user_products`

MODIFY `id` int(255) NOT NULL AUTO_INCREMENT,
AUTO_INCREMENT=4;

COMMIT;

/*!40101 SET

CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;

/*!40101 SET

CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;

```
/*!40101 SET  
COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

Output [Screen Shots]:

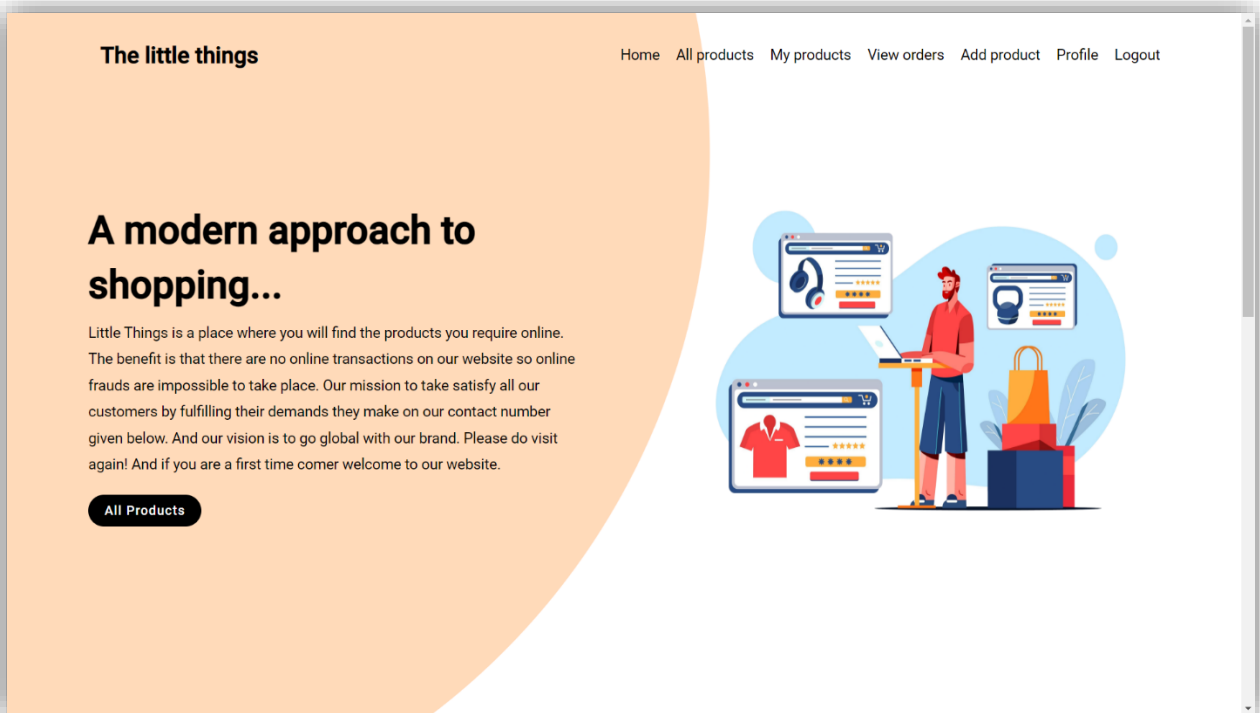
Sign in page: -



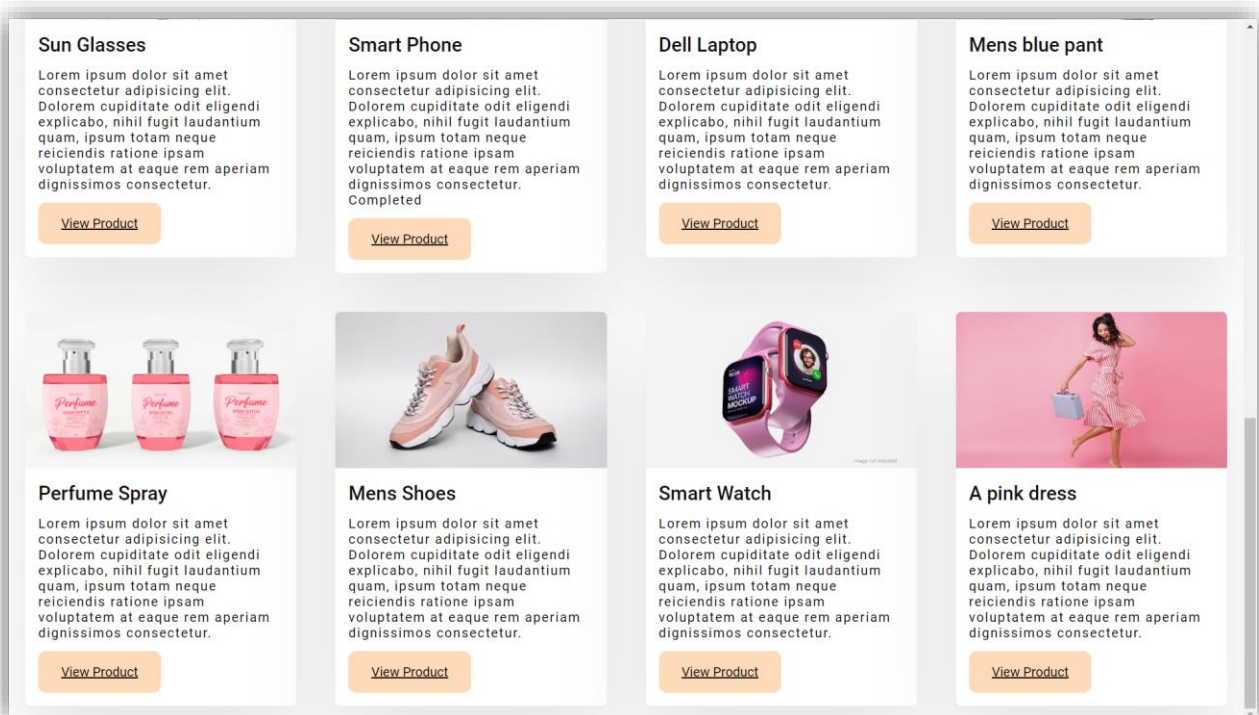
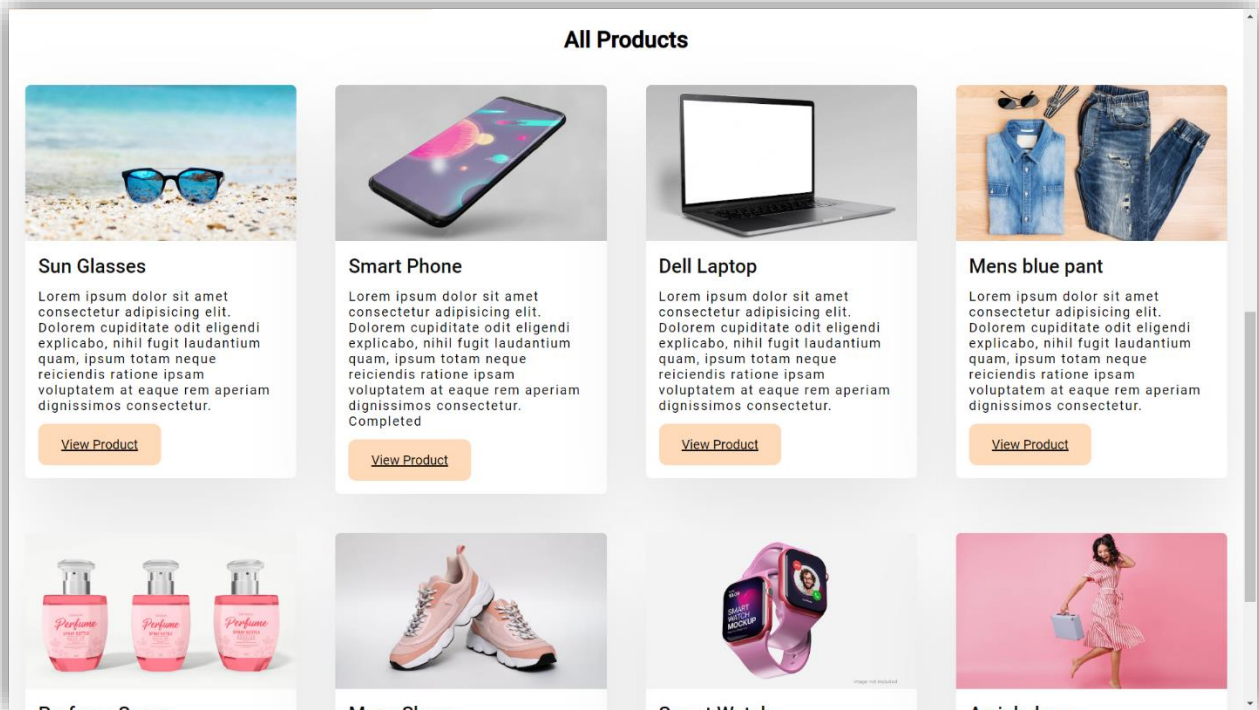
Sign up page: -



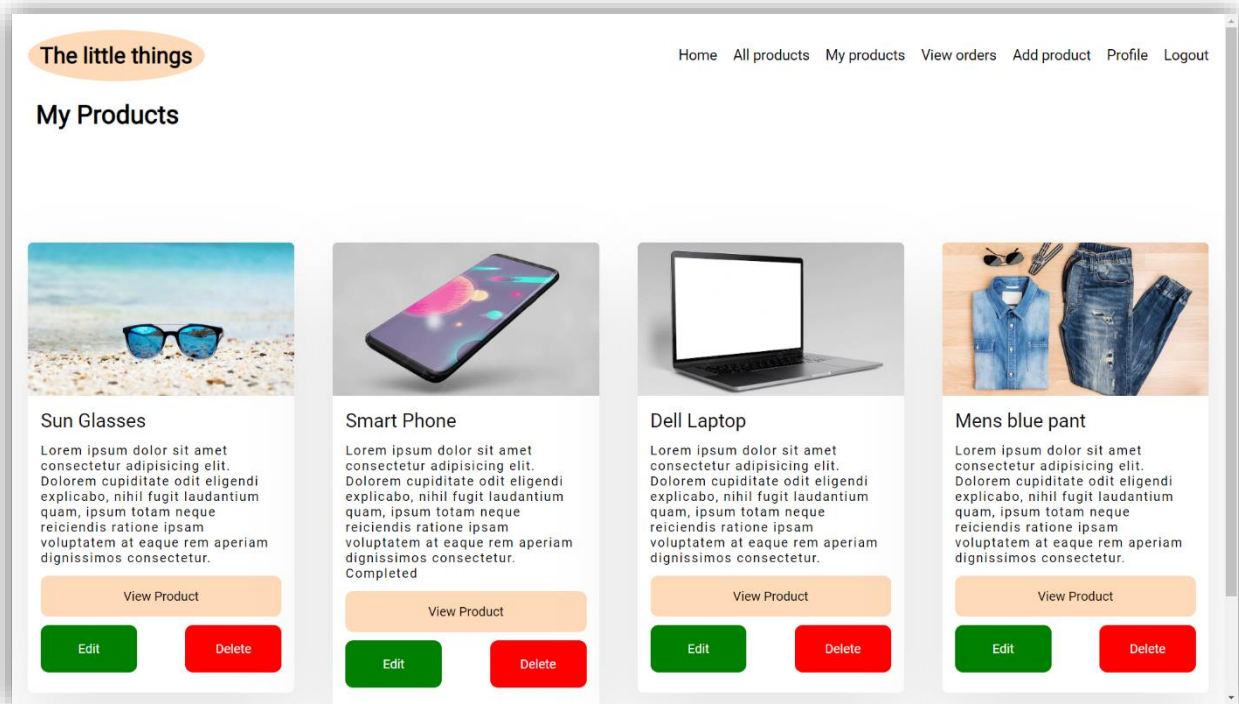
Home Page: -



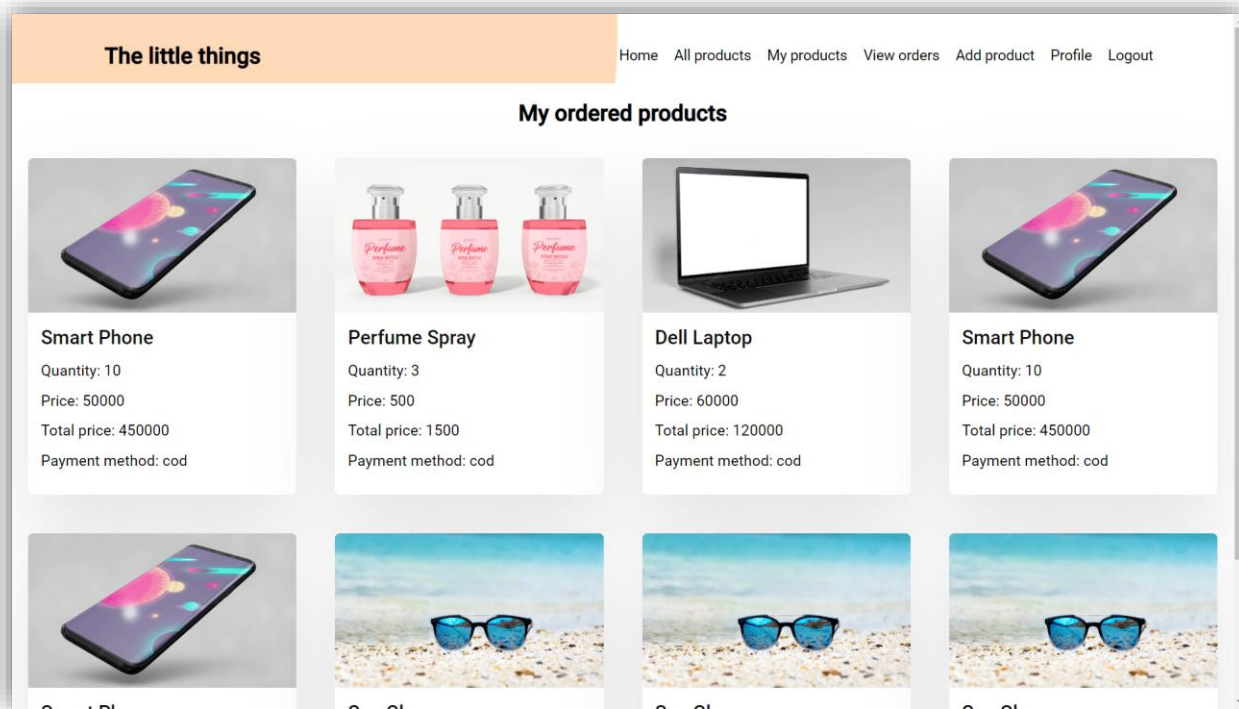
All products page: -



My products page: -




View Ordered product page: -



Add product page: -

The little things

[Home](#)
[All products](#)
[My products](#)
[View orders](#)
[Add product](#)
[Profile](#)
[Logout](#)



Enter product name

Product name

Enter product description

Product description

Enter product price

Product price

Product url

Product url

Available stock

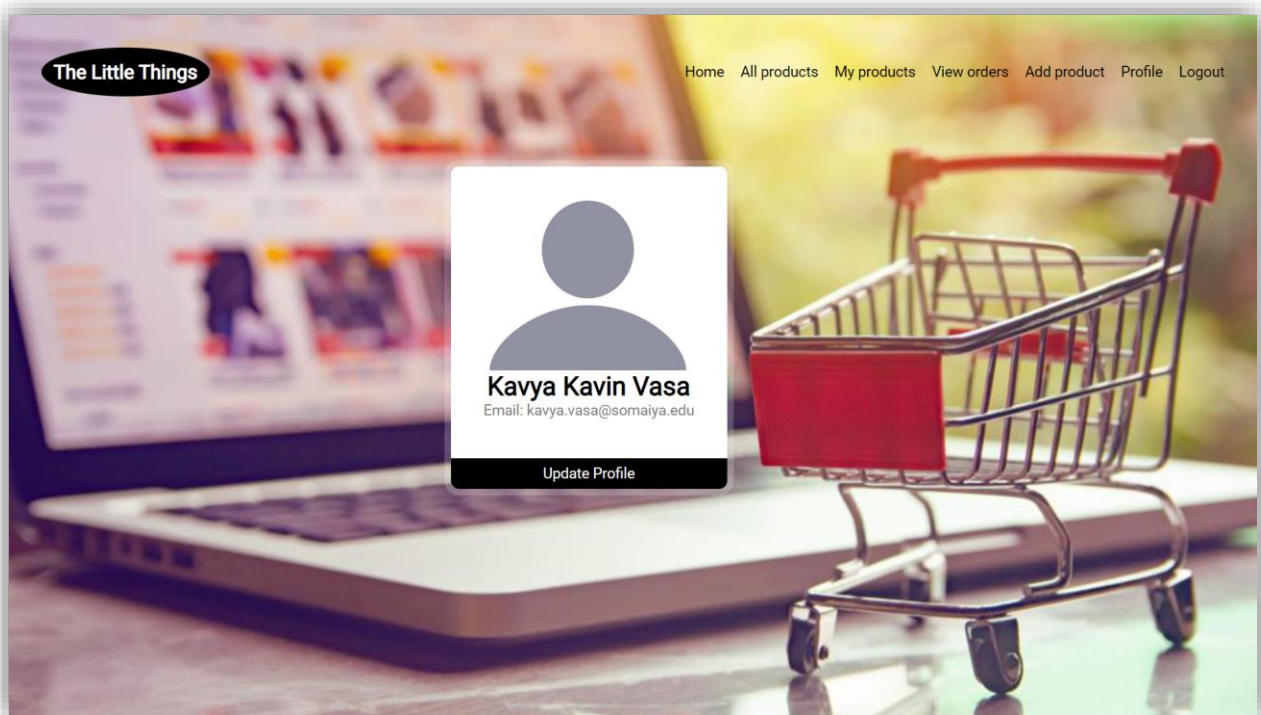
Available stock

Select category

Trending

Submit

Profile page: -




Update Profile page: -

The Little Things[Home](#) [All products](#) [My products](#) [View orders](#) [Add product](#) [Profile](#) [Logout](#)

Edit Profile

This is an alert for the user to display the important messages.

Personal info



Username :

Kavya Kavin Vasa


Email:

kavya.vasa@somaiya.edu

Save Changes

View product page: -

The little things[Home](#) [All products](#) [My products](#) [View orders](#) [Add product](#) [Profile](#) [Logout](#)



Product name

Smart Phone

Product description

Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolorem cupiditate odit eligendi explicabo, nihil fugit laudantium quam, ipsum totam neque reiciendis ratione ipsam voluptatem at eaque rem aperiam dignissimos consectetur. Completed

Product price

50000

Available

Yes


Category

tending

Checkout

Place Order page: -

The little things[Home](#) [All products](#) [My products](#) [View orders](#) [Add product](#) [Profile](#) [Logout](#)



Product name

Smart Phone

Shipping address

some random address

Price

50000

Quantity

2

Total price

100000

Payment method

Cash on Delivery

Place order

Conclusion: Thus we have implemented the mini project.