

Department of Computer Engineering 01IT0701 – Advance Web Technology – Student Lab Manual

Lab #6(a)

# Lab#6(a) Using design of lab 3:

a. Implement a category and product management page with insert, update and delete operations.

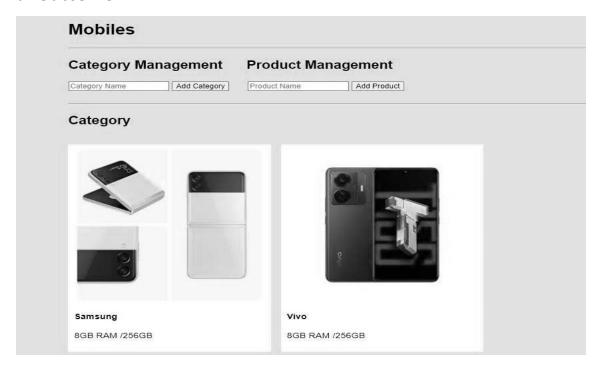
TAGS USED	ATTRIBUTES USED	DESCRIPTION
<html></html>		Define that how web browser will format and display the content.
<head></head>		It is used to contain information of the document.
<title>&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Display the title of webpage.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;LINK&gt;&lt;/td&gt;&lt;td&gt;Rel, href&lt;/td&gt;&lt;td&gt;Link External CSS&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;BODY&gt;&lt;/td&gt;&lt;td&gt;Background&lt;/td&gt;&lt;td&gt;Display the content of webpage&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;H3&gt;&lt;/td&gt;&lt;td&gt;Align&lt;/td&gt;&lt;td&gt;Define the Heading according H3 style&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;Form&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;It is use to create html for user input.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;Div&gt;&lt;/td&gt;&lt;td&gt;class&lt;/td&gt;&lt;td&gt;It is for display the content section wise.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;input&gt;&lt;/td&gt;&lt;td&gt;Туре&lt;/td&gt;&lt;td&gt;It is use to declare input controls.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;img&gt;&lt;/td&gt;&lt;td&gt;Src, class&lt;/td&gt;&lt;td&gt;Display the particular image.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;BR&gt; (Break Line)&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;Button&gt;&lt;/td&gt;&lt;td&gt;Class, Type&lt;/td&gt;&lt;td&gt;It is use to clickable function.&lt;/td&gt;&lt;/tr&gt;&lt;/tbody&gt;&lt;/table&gt;</title>		



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# **Final Outcome:**



# **Code Snippet:**

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
  <style>
    {
    box-sizing: border-box;
               background-
    body {
color:bisque;
    padding: 20px;
   font-family: Arial;
   }
    .main {
               max-
width: 1000px;
margin: auto
            h1
      }
fontsize: 30px;
wordbreak: break-
```



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```
all;
    }
    .row {
    margin: 10px -16px;
    }
    .row,
    . row > . column \, \{ \,
    padding: 8px;
    }
    .column {
    float: left;
    width: 33.33%;
    display: none;
    }
    .row:after {
                     content: "";
                                      display: table;
    clear: both;
    }
    .content {
    background-color: white;
    padding: 10px;
    }
                 display: block;
    .show {
    }
  </style>
</head>
<body>
  <div class="main">
  <h1>Mobiles</h1>
  <hr>
```



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```
<h2>Category Management &nbsp;&nbsp;&nbsp;&nbsp;Product Management</h2>
                                                                             <form
id="category-form">
   <input type="text" id="category-name" placeholder="Category Name" required>
   <button type="submit">Add Category</button>
       
<input type="text" id="product-name" placeholder="Product Name" required>
   <button type="submit">Add Product</button>
 </form> &nbsp; <hr>
 <h2>Category</h2>
<div class="row">
 <div class="column nature">
   <div class="content">
   <img src="samsung1.jpg" alt="Mountains" style="width:100%">
   <h4>Samsung</h4>
   8GB RAM /256GB 
   </div>
   </div>
   <div class="column nature">
   <div class="content">
   <img src="Vivo2.jpg" alt="Lights" style="width:100%">
   <h4>Vivo</h4>
   8GB RAM /256GB
   </div>
   </div>
 </div>
</div>
</body>
</html>
```



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Lab #6(b)

# Lab#6(b) Display products on home page from DB to all users.

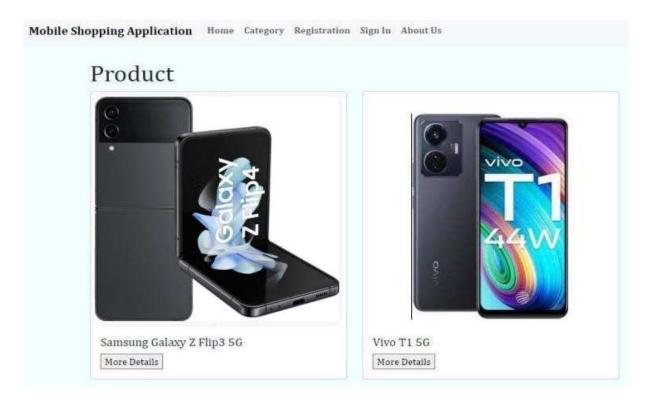
Type Used	Attribute Used	DESCRIPTION
php</td <td>If, else, die</td> <td>It is use for opening php.</td>	If, else, die	It is use for opening php.
\$_SERVER ['REQUEST_METHOD']		It is use for request the current script.
Die	\$conn	It is use for immediate terminate the execution of the script.
\$conn	mysqli, connect_error	It is use for connection purpose and establish the connection.
post		It is use for sending the data to the server.
\$stmt	Close()	It is use for representing the prepared statement object.
Insert		It is use for inserting the value into the particular table.
Prepare		It is use for creating the prepared statement.
Bind_param		It is use for binding the variables to the placeholders in prepared statement.
Echo		It is use for display the content.
?>		It is use for php ending tag.

# **Final Outcome:**



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Lab #6(b)



#### **Code Snippet:**

```
const { new } = require('nw'); const new
= new new({
name: "root",
               host:
"localhost", database:
             password: "",
"products",
});
module.exports = new; const express =
require('express'); const app = express();
const new = require('./db'); const PORT =
process.env.PORT | 3000;
app.get('/api/products', async (req, res) => {
try {
  const { rows } = await new.query('SELECT * FROM products');
res.json(rows); } catch (error) {    console.error(error);
  res.status(500).json({ message: 'Error fetching products' });
 }
app.listen(PORT, () => {
                          console.log(`Server is
running ${PORT}`);
});
```



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Lab #6(b)

```
async function fetchProducts() {      const response =
    await fetch('/api/products');      const products = await
    response.json();
      const productsDiv = document.getElementById('products');
    products.forEach(product => {      const productElement =
      document.createElement('div');      productElement.innerHTML = `
      <-h2>${product.name}</-h2>      <-p>Price:
      $${product.price}`;      productsDiv.appendChild(productElement);
      });
    }
    fetchProducts();
```



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Lab #6(c)

# Lab#6(c) If user is logged in then show "more details" on each product and show detailed product description if user clicks "more details."

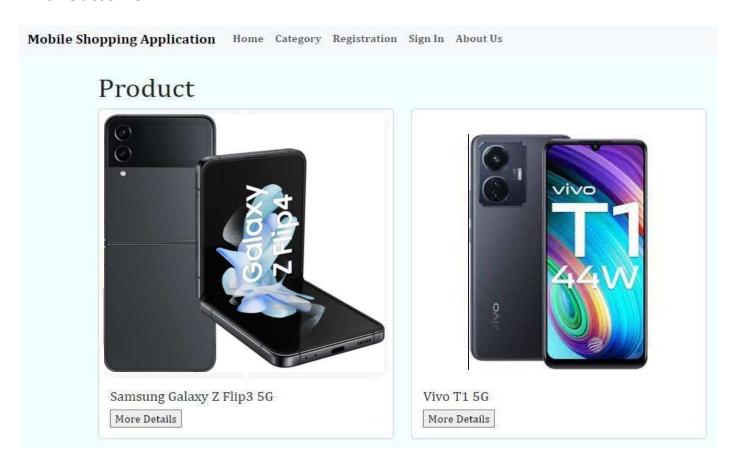
TAGS USED	ATTRIBUTES USED	DESCRIPTION
<html></html>		Define that how web browser will format and display the content.
<head></head>		It is used to contain information of the document.
<title>&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Display the title of webpage.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;LINK&gt;&lt;/td&gt;&lt;td&gt;Rel, href&lt;/td&gt;&lt;td&gt;Link External CSS&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;BODY&gt;&lt;/td&gt;&lt;td&gt;Background&lt;/td&gt;&lt;td&gt;Display the content of webpage&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;H3&gt;&lt;/td&gt;&lt;td&gt;Align&lt;/td&gt;&lt;td&gt;Define the Heading according H3 style&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;Form&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;It is use to create html for user input.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;Div&gt;&lt;/td&gt;&lt;td&gt;class&lt;/td&gt;&lt;td&gt;It is for display the content section wise.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;input&gt;&lt;/td&gt;&lt;td&gt;Туре&lt;/td&gt;&lt;td&gt;It is use to declare input controls.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;img&gt;&lt;/td&gt;&lt;td&gt;Src, class&lt;/td&gt;&lt;td&gt;Display the particular image.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;BR&gt; (Break Line)&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;Button&gt;&lt;/td&gt;&lt;td&gt;Class, Type&lt;/td&gt;&lt;td&gt;It is use to clickable function.&lt;/td&gt;&lt;/tr&gt;&lt;/tbody&gt;&lt;/table&gt;</title>		



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Lab #6(c)

#### **Final Outcome:**



# **Code Snippet:**

```
<!DOCTYPE html>
<html>
<head>
<title>Mobile Shopping Application</title>
link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css"
rel="stylesheet">
<style>
body
{
    font-family:Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
background-color: azure; font-weight: bold;
}
    div collapse navbar-collapse{ background-color: darkgray;
}
</style>
```



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```
</head>
<body>
 <nav class="navbar navbar-expand-lg navbar-light bg-light">
 <div class="container-fluid">
 <a class="navbar-brand" href="#">Mobile Shopping Application</a>
class="navbar-toggler" type="button" data-bs-toggle="collapse" data- bs
target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle
navigation">
 <span class="navbar-toggler-icon"></span>
 </button>
 <div class="collapse navbar-collapse" id="navbarNav">
 class="nav-item">
   <a class="nav-link" href="index1.html">Home</a>
   cli class="nav-item">
   <a class="nav-link" href="categories.html">Category</a>
   cli class="nav-item">
   <a class="nav-link" href="user_reg.html">Registration</a>
   class="nav-item">
   <a class="nav-link" href="login.html">Sign In</a>
   cli class="nav-item">
   <a class="nav-link" href="#">About Us</a>
   </div>
 </div>
 </nav>
 <div class="container mt-4">
 <h1>Product</h1>
 <div class="row">
 <div class="col-md-4 mb-4">
 <div class="card">
 <img src="samsung1.jpg" class="card-img-top" alt="Product 1">
 <div class="card-body">
 <h5 class="card-title">Samsung Galaxy Z Flip3 5G</h5>
 Samsung Galaxy Z Flip3 5G ,Cream,8GB,<br>>256GB Storage
 <div>Price: ₹89,000 &nbsp;&nbsp; <a href="#" class="btn btn-primary">Buy Now</a> </div>
</div>
</div>
```



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