Lab #6(b)

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

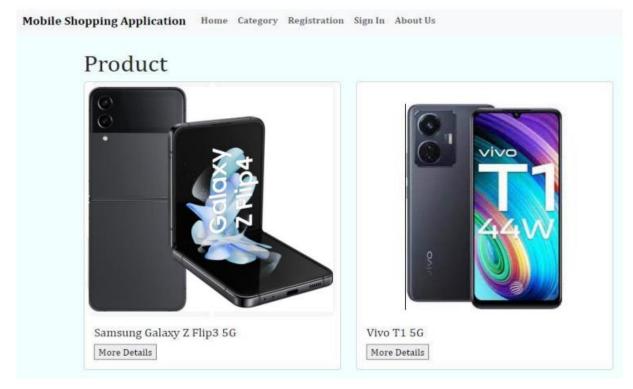| Type Used	Attribute Used	DESCRIPTION
<?php	If, else, die	It is use for opening php.
$_SERVER ['REQUEST_METHOD']	--	It is use for request the current script.
Die	$conn	It is use for immediate terminate the execution of the script.
$conn	mysqli, connect_error	It is use for connection purpose and establish 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.

Lab #6(b)

Final Outcome:

Code Snippet:

```javascript
const { new } = require('nw');
const new = new new({
name: "root",    host:
"localhost",
database: "products",
password: "",
});
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' });
   }
```

Lab #6(b)

```javascript
});
app.listen(PORT, () => {
    console.log(`Server is running ${PORT}`);
});
async function fetchProducts() {    const
response = await fetch('/api/products');    const
products = await response.json();
    const productsDiv = document.getElementById('products');
products.forEach(product => {
    const productElement = document.createElement('div');
productElement.innerHTML = `
<h2>${product.name}</h2>    <p>Price:
$${product.price}</p>`;
    productsDiv.appendChild(productElement);
    });
}
fetchProducts();
```