

Nama : Meli Dwi Atika Putri
NIM : 12030123120070
Mata Kuliah : Pengkodean dan Pemrograman/ Kelas D
Dosen Pengampu : Dr. Totok Dewayanto, S.E., M.Si., Akt.

TUGAS 3

APLIKASI PERSEDIAAN PENJUALAN



Manajemen Persediaan & Penjualan

Tambah Produk

Nama Produk Jumlah Stok [+ Tambah Produk](#)

Daftar Persediaan

Nama Produk Stok Penjualan

Kode HTML:

```
<!DOCTYPE html>
```

<html lang="id">

<head>

<meta charset="UTF-8">

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

<title>Aplikasi Persediaan dan Penjualan</title>

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

</head>

<body>

<div class="container">

<!-- Gambar Tesla -->

<div class="image-container">

</div>

<h1> 📦 Manajemen Persediaan & Penjualan 🛒 </h1>

<!-- Form Tambah Produk -->

<div class="form-container">

<h2>Tambah Produk</h2>

<input type="text" id="productName" placeholder="Nama Produk">

<input type="number" id="productStock" placeholder="Jumlah Stok">

<button class="btn tambah" onclick="addProduct()"> + Tambah Produk</button>

</div>

<!-- Daftar Persediaan -->

<div class="inventory-container">

<h2> 📋 Daftar Persediaan</h2>

<table>

<thead>

<tr>

<th>Nama Produk</th>

<th>Stok</th>

<th>Penjualan</th>

</tr>

```
        </thead>

        <tbody id="inventoryList"></tbody>

    </table>

</div>

</div>

<script src="script.js"></script>

</body>

</html>
```

Kode CSS:

```
/* Warna dan Font */

:root {

    --primary-color: #007bff;

    --secondary-color: #28a745;

    --danger-color: #dc3545;

    --background-color: #f8f9fa;

    --text-color: #333;

    --table-header: #17a2b8;

    --table-hover: #f1f1f1;

}

body {

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

    background-color: var(--background-color);

    color: var(--text-color);

    text-align: center;

    margin: 0;

    padding: 0;

}
```

```
h1 {
  color: var(--primary-color);
}

/* Gaya untuk gambar Tesla */
.image-container {
  width: 100%;
  display: flex;
  justify-content: center;
  margin-bottom: 20px;
}

.image-container img {
  width: 80%;
  max-width: 600px;
  border-radius: 10px;
  box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.2);
}

.container {
  width: 80%;
  margin: auto;
  padding: 20px;
  border-radius: 10px;
  background-color: white;
  box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.2);
}

.form-container, .inventory-container {
```

```
background: #fff;
padding: 15px;
border-radius: 10px;
box-shadow: 0px 2px 5px rgba(0, 0, 0, 0.1);
margin-bottom: 20px;
}
```

```
input {
padding: 10px;
margin: 5px;
width: 200px;
border: 1px solid #ccc;
border-radius: 5px;
}
```

```
.btn {
padding: 10px 15px;
border: none;
border-radius: 5px;
font-size: 16px;
cursor: pointer;
color: white;
transition: 0.3s;
}
```

```
.tambah {
background-color: var(--secondary-color);
}
```

```
.tambah:hover {
```

```
background-color: #218838;
}

.hapus {
background-color: var(--danger-color);
}

.hapus:hover {
background-color: #c82333;
}

table {
width: 100%;
border-collapse: collapse;
margin-top: 10px;
}

th, td {
border: 1px solid #ddd;
padding: 10px;
text-align: center;
}

th {
background-color: var(--table-header);
color: white;
}

tr:hover {
background-color: var(--table-hover);
```

```
}
```

Kode JS:

```
let inventory = [];
```

```
function addProduct() {
```

```
    const name = document.getElementById("productName").value.trim();
```

```
    const stock = parseInt(document.getElementById("productStock").value);
```

```
    if (name === "" || isNaN(stock) || stock <= 0) {
```

```
        alert("Masukkan nama produk dan stok yang valid!");
```

```
        return;
```

```
    }
```

```
    inventory.push({ name, stock });
```

```
    document.getElementById("productName").value = "";
```

```
    document.getElementById("productStock").value = "";
```

```
    updateInventory();
```

```
}
```

```
function updateInventory() {
```

```
    const inventoryList = document.getElementById("inventoryList");
```

```
    inventoryList.innerHTML = "";
```

```
    inventory.forEach((product, index) => {
```

```
        const row = document.createElement("tr");
```

```
        row.innerHTML = `
```


```
            <td>${product.name}</td>
```

```
            <td>${product.stock}</td>
```

```
            <td>
```

```

        <input type="number" min="1" max="{product.stock}"
id="sellAmount${index}">

        <button class="btn hapus" onclick="sellProduct(${index})">  Jual</button>

    </td>

`;
    inventoryList.appendChild(row);
});
}

function sellProduct(index) {
    const amount = parseInt(document.getElementById(`sellAmount${index}`).value);
    if (isNaN(amount) || amount <= 0 || amount > inventory[index].stock) {
        alert("Masukkan jumlah yang valid!");
        return;
    }

    inventory[index].stock -= amount;
    if (inventory[index].stock === 0) {
        inventory.splice(index, 1); // Hapus produk jika stok habis
    }

    updateInventory();
}

```