**KODE INDEX.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 & Penjualan</title>

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

</head>

<body>

<div class="container">

<!-- Tambahkan logo Universitas Diponegoro -->

<img src="assets/images/undip-logo.jpg" alt="Logo Universitas Diponegoro" class="logo">

<h1>Persediaan & Penjualan Barang</h1>

<!-- Form Tambah Barang -->

<h2>Tambah Barang</h2>

<form id="addItemForm">

<input type="text" id="itemName" placeholder="Nama Barang" required>

<input type="number" id="itemStock" placeholder="Jumlah Stok" required>

<input type="number" id="itemPrice" placeholder="Harga Satuan" required>

<button type="submit">Tambah</button>

</form>

<!-- Tabel Persediaan -->

<h2>Daftar Persediaan</h2>

<table>

<thead>

<tr>

<th>Nama Barang</th>

<th>Stok</th>

<th>Harga</th>

<th>Aksi</th>

</tr>

</thead>

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

</table>

<!-- Form Penjualan -->

<h2>Penjualan</h2>

<form id="sellItemForm">

<select id="sellItemName" required></select>

<input type="number" id="sellQuantity" placeholder="Jumlah Terjual" required>

<button type="submit">Jual</button>

</form>

</div>

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

</body>

</html>

**KODE STYLE.CSS**

body {

font-family: Arial, sans-serif;

margin: 20px;

padding: 0;

background-color: #f8f9fa;

text-align: center;

}

.container {

max-width: 600px;

margin: auto;

background: white;

padding: 20px;

border-radius: 8px;

box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);

}

/\* Gaya untuk logo \*/

.logo {

width: 120px;

height: auto;

display: block;

margin: 0 auto 20px;

}

h1 {

color: #333;

}

form {

margin-bottom: 20px;

}

input, select {

padding: 8px;

margin: 5px;

width: calc(100% - 20px);

}

button {

padding: 10px;

background-color: #28a745;

color: white;

border: none;

cursor: pointer;

}

button:hover {

background-color: #218838;

}

table {

width: 100%;

border-collapse: collapse;

margin-top: 10px;

}

th, td {

padding: 10px;

border: 1px solid #ddd;

}

th {

background-color: #007bff;

color: white;

}

.delete-btn {

background-color: red;

color: white;

border: none;

padding: 5px 10px;

cursor: pointer;

}

**KODE SCRIPT.JSS**

document.addEventListener("DOMContentLoaded", () => {

let inventory = [];

const addItemForm = document.getElementById("addItemForm");

const sellItemForm = document.getElementById("sellItemForm");

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

const sellItemName = document.getElementById("sellItemName");

// Tambah Barang ke Persediaan

addItemForm.addEventListener("submit", (e) => {

e.preventDefault();

const name = document.getElementById("itemName").value;

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

const price = parseFloat(document.getElementById("itemPrice").value);

if (!name || stock <= 0 || price <= 0) {

alert("Mohon isi data dengan benar!");

return;

}

// Cek apakah barang sudah ada

const existingItem = inventory.find(item => item.name === name);

if (existingItem) {

existingItem.stock += stock; // Update stok jika barang sudah ada

} else {

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

}

updateInventoryTable();

addItemForm.reset();

});

// Update Tabel Persediaan

function updateInventoryTable() {

inventoryList.innerHTML = "";

sellItemName.innerHTML = "";

inventory.forEach((item, index) => {

let row = `<tr>

<td>${item.name}</td>

<td>${item.stock}</td>

<td>Rp ${item.price.toLocaleString()}</td>

<td>

<button class="delete-btn" onclick="deleteItem(${index})">Hapus</button>

</td>

</tr>`;

inventoryList.innerHTML += row;

let option = `<option value="${index}">${item.name}</option>`;

sellItemName.innerHTML += option;

});

}

// Hapus Barang dari Persediaan

window.deleteItem = function(index) {

inventory.splice(index, 1);

updateInventoryTable();

};

// Proses Penjualan

sellItemForm.addEventListener("submit", (e) => {

e.preventDefault();

const itemIndex = parseInt(sellItemName.value);

const quantity = parseInt(document.getElementById("sellQuantity").value);

if (isNaN(itemIndex) || isNaN(quantity) || quantity <= 0) {

alert("Masukkan jumlah yang valid!");

return;

}

if (inventory[itemIndex].stock < quantity) {

alert("Stok tidak mencukupi!");

return;

}

inventory[itemIndex].stock -= quantity;

if (inventory[itemIndex].stock === 0) {

inventory.splice(itemIndex, 1);

}

updateInventoryTable();

sellItemForm.reset();

});

// Inisialisasi tampilan tabel kosong

updateInventoryTable();

});