Nama : Inayah Zalza Dinda Rahayu
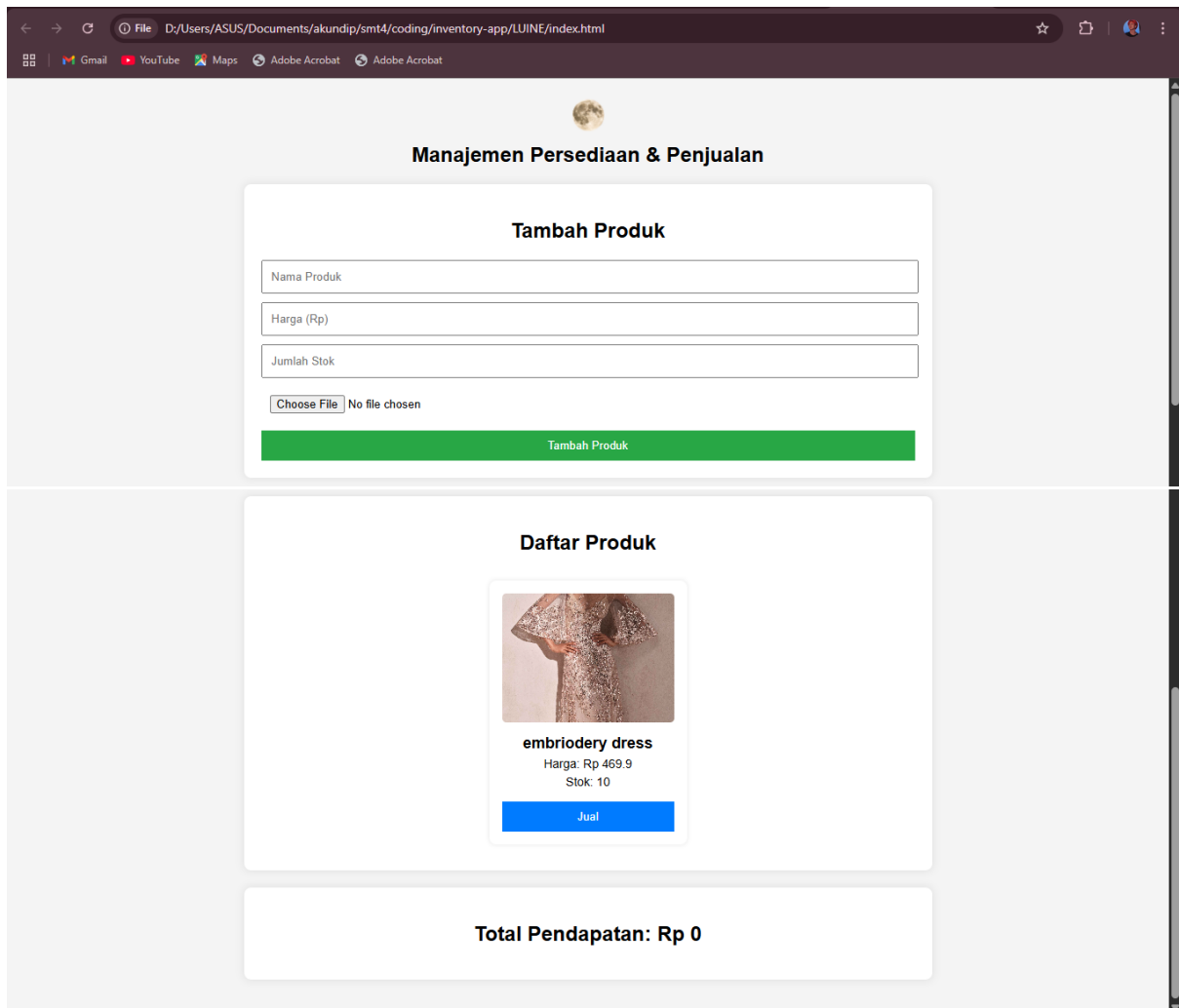
NIM   : 12030123140270

Kelas : Pengkodean dan Pemrograman / D
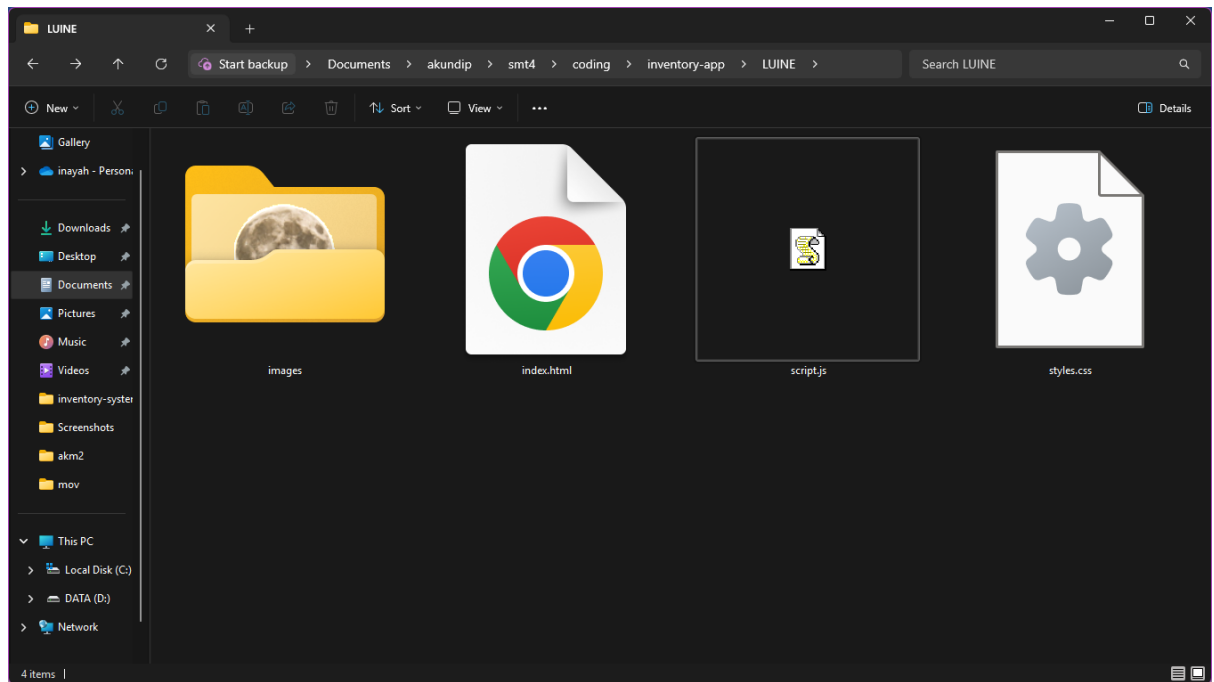
TUGAS 3
APLIKASI PERSEDIAAN PENJUALAN

1. TAMPILAN

2. STRUKTUR FOLDER

3. 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 & Penjualan</title>
   <link rel="stylesheet" href="styles.css">
</head>
<body>
   <div class="container">
      <!-- Header dengan Logo -->
      <header class="app-header">
         <img src="images/moon.png" alt="Logo Bulan Sabit" class="logo">
         <h1>Manajemen Persediaan & Penjualan</h1>
      </header>


      <!-- Form Tambah Produk -->
      <section class="form-section">
```

```html
        <h2>Tambah Produk</h2>

        <input type="text" id="product-name" placeholder="Nama Produk">

        <input type="number" id="product-price" placeholder="Harga (Rp)">

        <input type="number" id="product-stock" placeholder="Jumlah Stok">

        <input type="file" id="product-image" accept="image/*">

        <button onclick="addProduct()">Tambah Produk</button>

      </section>


      <!-- Daftar Produk -->
      <section class="stock-section">

        <h2>Daftar Produk</h2>

        <div id="product-list" class="product-list"></div>

      </section>


      <!-- Total Pendapatan -->
      <section class="sales-summary">

        <h2>Total Pendapatan: Rp <span id="total-sales">0</span></h2>

      </section>

    </div>


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

</html>
```

4. KODE CSS

```css
body {

  font-family: Arial, sans-serif;

  text-align: center;

  background-color: #f4f4f4;

  margin: 0;

  padding: 20px;
```

```css
}

.container {
  max-width: 800px;
  margin: auto;
}

/* Header dengan Logo */
.app-header {
  display: flex;
  flex-direction: column; /* Susun elemen secara vertikal */
  align-items: center; /* Pusatkan elemen */
  color: black;
  margin-bottom: 20px;
}

.logo {
  width: 80px; /* Atur ukuran logo */
  height: auto;
  margin-bottom: 10px; /* Beri jarak antara logo dan teks */
}

h1 {
  margin: 0;
  font-size: 24px;
}

.form-section, .stock-section, .sales-summary {
  background: white;
```

```css
    padding: 20px;

    margin: 20px auto;

    border-radius: 8px;

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

}


input {

    display: block;

    width: calc(100% - 20px);

    padding: 10px;

    margin: 10px auto;

}


button {

    padding: 10px;

    background-color: #28a745;

    color: white;

    border: none;

    cursor: pointer;

    width: 100%;

}


button:hover {

    background-color: #218838;

}


.product-list {

    display: flex;

    flex-wrap: wrap;

    justify-content: center;
```

```css
}

.product-card {
    background: white;
    padding: 15px;
    margin: 10px;
    width: 200px;
    border-radius: 8px;
    box-shadow: 0 0 5px rgba(0, 0, 0, 0.1);
    text-align: center;
}

.product-card img {
    width: 100%;
    height: 150px;
    object-fit: cover;
    border-radius: 5px;
}

.product-card h3 {
    margin: 10px 0 5px;
    font-size: 18px;
}

.product-card p {
    margin: 5px 0;
    font-size: 14px;
}

.sell-btn {
```

```css
    background-color: #007bff;

    margin-top: 10px;

}


.sell-btn:hover {

    background-color: #0056b3;

}
```

5. KODE JS

```javascript
let products = [];

let totalSales = 0;


function addProduct() {

    let name = document.getElementById("product-name").value;

    let price = parseFloat(document.getElementById("product-price").value);

    let stock = parseInt(document.getElementById("product-stock").value);

    let imageFile = document.getElementById("product-image").files[0];


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

        alert("Harap isi semua data dengan benar!");

        return;

    }


    let imageUrl = "images/default.png"; // Gambar default

    if (imageFile) {

        imageUrl = URL.createObjectURL(imageFile);

    }


    let product = { name, price, stock, imageUrl };

    products.push(product);

    updateProductList();
```

```javascript
    clearInputs();
}


function updateProductList() {
    let productList = document.getElementById("product-list");
    productList.innerHTML = "";


    products.forEach((product, index) => {
        let productCard = `
            <div class="product-card">
                <img src="${product.imageUrl}" alt="${product.name}">
                <h3>${product.name}</h3>
                <p>Harga: Rp ${product.price}</p>
                <p>Stok: ${product.stock}</p>
                <button class="sell-btn" onclick="sellProduct(${index})">Jual</button>
            </div>`;
        productList.innerHTML += productCard;
    });
}


function sellProduct(index) {
    if (products[index].stock > 0) {
        products[index].stock--;
        totalSales += products[index].price;
        document.getElementById("total-sales").innerText = totalSales;
        updateProductList();
    } else {
        alert("Stok habis!");
    }
}
```

```
function clearInputs() {

    document.getElementById("product-name").value = "";

    document.getElementById("product-price").value = "";

    document.getElementById("product-stock").value = "";

    document.getElementById("product-image").value = "";

}
```