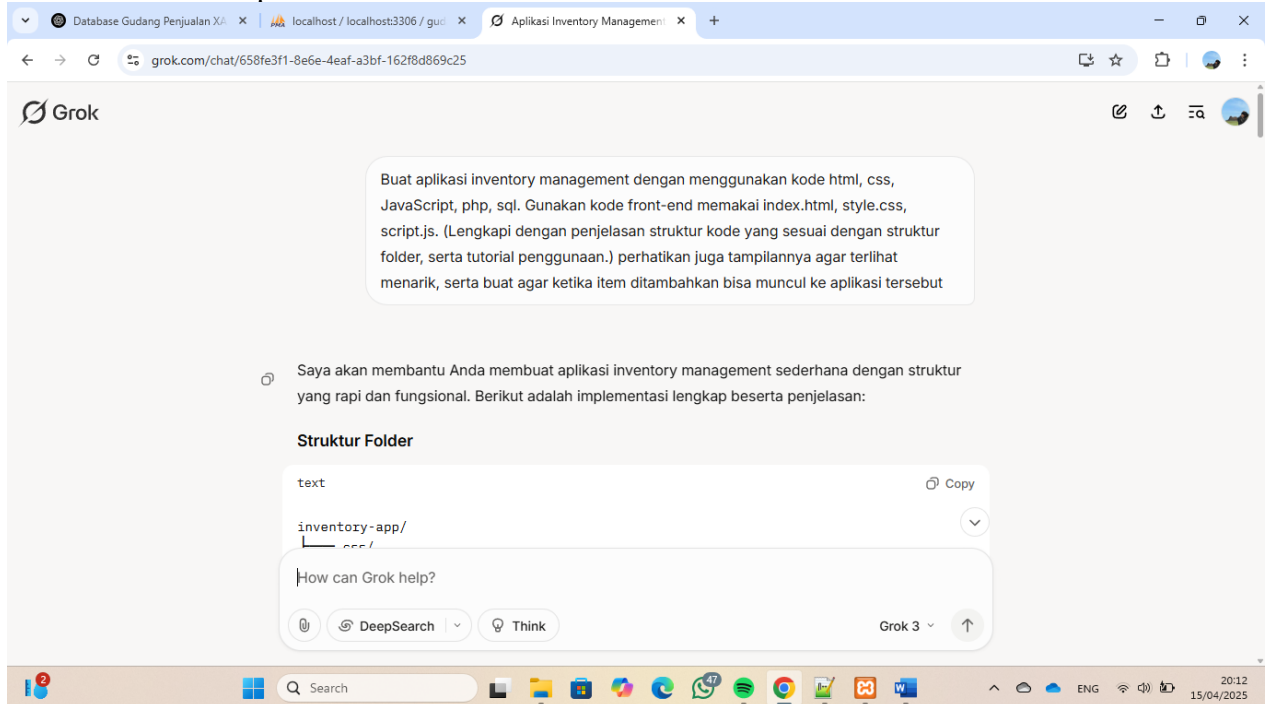Nama   : Naufal Indra Nur Irsyad
NIM   : 12030123120026
Kelas   : F – Pengkodean dan Pemrograman
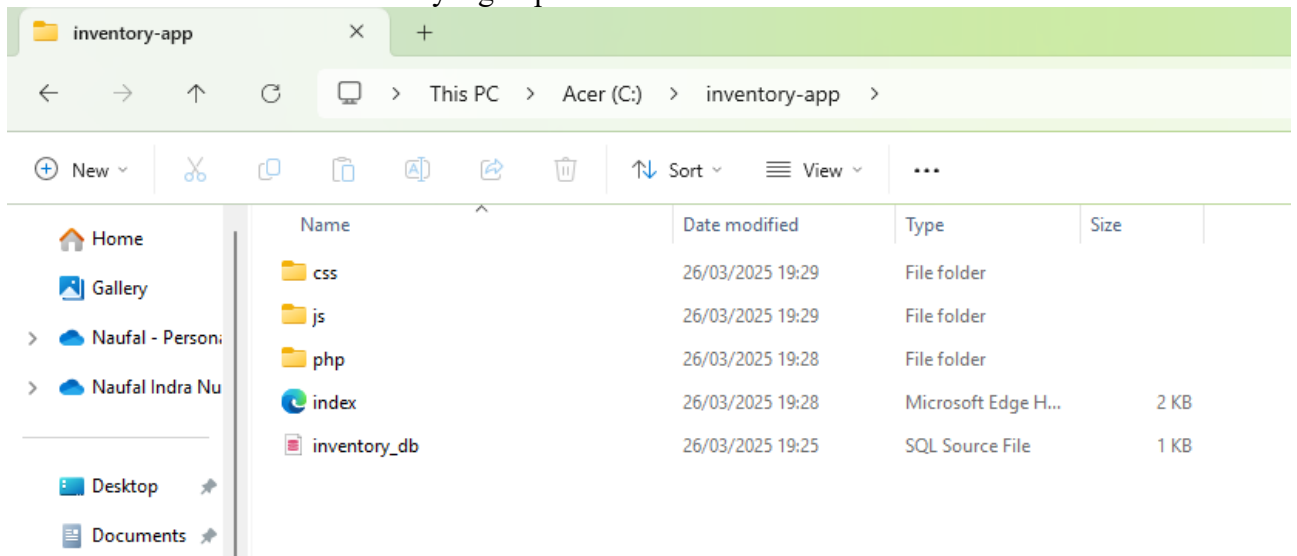
TUGAS PERTEMUAN 5

INVENTORY MANAGEMENT
Memasukkan Prompt untuk Mulai Membuat Struktur Folder

Membuat Folder Sesuai Sttuktur yang Diperintahkan

Memasukkan Kode ke Notepad++

C:\inventory-app\css\style.css - Notepad++

```css
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Arial, sans-serif;
}

body {
    background: linear-gradient(135deg, #f5f7fa 0%, #c3cfe2 100%);
    min-height: 100vh;
    padding: 20px;
}

.container {
    max-width: 1000px;
    margin: 0 auto;
    background: white;
    padding: 30px;
    border-radius: 15px;
    box-shadow: 0 0 20px rgba(0,0,0,0.1);
}

h1 {
    text-align: center;
    color: #2c3e50;
    margin-bottom: 30px;
}

.form-container {
    margin-bottom: 40px;
}

form {
    display: flex;
    gap: 15px;
```

C:\inventory-app\js\script.js - Notepad++

```javascript
document.addEventListener('DOMContentLoaded', () => {
    loadItems();

    document.getElementById('itemForm').addEventListener('submit', async (e) => {
        e.preventDefault();

        const name = document.getElementById('name').value;
        const quantity = document.getElementById('quantity').value;
        const price = document.getElementById('price').value;

        const response = await fetch('php/add_item.php', {
            method: 'POST',
            headers: {
                'Content-Type': 'application/x-www-form-urlencoded',
            },
            body: `name=${name}&quantity=${quantity}&price=${price}`
        });

        const result = await response.json();
        if (result.status === 'success') {
            document.getElementById('itemForm').reset();
            loadItems();
        }
    });
});

async function loadItems() {
    const response = await fetch('php/get_items.php');
    const items = await response.json();

    const tbody = document.getElementById('inventoryBody');
    tbody.innerHTML = '';

    items.forEach(item => {
        const tr = document.createElement('tr');
```

C:\inventory-app\php\add_item.php - Notepad++

```php
<?php
include 'config.php';

if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    $name = $_POST['name'];
    $quantity = $_POST['quantity'];
    $price = $_POST['price'];

    $sql = "INSERT INTO items (name, quantity, price) VALUES ('$name', '$quantity', '$price')";

    if (mysqli_query($conn, $sql)) {
        echo json_encode(['status' => 'success']);
    } else {
        echo json_encode(['status' => 'error']);
    }
}
mysqli_close($conn);
?>
```

```php
<?php
$host = "localhost";
$user = "root";
$pass = "";
$db = "inventory_db";

$conn = mysqli_connect($host, $user, $pass, $db);

if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
?>
```

```php
<?php
include 'config.php';

$sql = "SELECT * FROM items ORDER BY created_at DESC";
$result = mysqli_query($conn, $sql);

$items = array();
while ($row = mysqli_fetch_assoc($result)) {
    $items[] = $row;
}

echo json_encode($items);
mysqli_close($conn);
?>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Inventory Management</title>
    <link rel="stylesheet" href="css/style.css">
</head>
<body>
    <div class="container">
        <h1>Inventory Management</h1>

        <!-- Form Input -->
        <div class="form-container">
            <form id="itemForm">
                <input type="text" id="name" placeholder="Item Name" required>
                <input type="number" id="quantity" placeholder="Quantity" required>
                <input type="number" id="price" placeholder="Price" step="0.01" required>
                <button type="submit">Add Item</button>
            </form>
        </div>

        <!-- Inventory List -->
        <div class="inventory-list">
            <h2>Inventory List</h2>
            <table id="inventoryTable">
                <thead>
                    <tr>
                        <th>ID</th>
                        <th>Name</th>
                        <th>Quantity</th>
                        <th>Price</th>
                        <th>Date Added</th>
                    </tr>
                </thead>
```

Tampilan localhost phpMyAdmin

Tampilan Akhir

Inventory Management

Item Name	Quantity	Price	Add Item

Inventory List

ID	Name	Quantity	Price	Date Added
4	Pelumas	12	$30000.00	3/28/2025, 1:18:09 PM
3	Pasir	15	$20000.00	3/28/2025, 12:40:51 PM
2	Semen	10	$70000.00	3/26/2025, 7:41:17 PM
1	cat	20	$15000.00	3/26/2025, 7:32:17 PM