**1. HTML File: index.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Healthcare Platform</title>

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

</head>

<body>

<div class="container">

<h1>Healthcare Platform</h1>

<!-- Patient Registration Form -->

<section id="registration">

<h2>Patient Registration</h2>

<form id="registration-form">

<label for="name">Name:</label>

<input type="text" id="name" name="name" required>

<label for="email">Email:</label>

<input type="email" id="email" name="email" required>

<label for="phone">Phone:</label>

<input type="tel" id="phone" name="phone" required>

<label for="dob">Date of Birth:</label>

<input type="date" id="dob" name="dob" required>

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

</form>

</section>

<!-- Appointment Scheduling Form -->

<section id="appointment">

<h2>Appointment Scheduling</h2>

<form id="appointment-form">

<label for="patient-name">Patient Name:</label>

<input type="text" id="patient-name" name="patient-name" required>

<label for="appointment-date">Date:</label>

<input type="date" id="appointment-date" name="appointment-date" required>

<label for="appointment-time">Time:</label>

<input type="time" id="appointment-time" name="appointment-time" required>

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

</form>

</section>

<!-- Medical Records -->

<section id="records">

<h2>Medical Records</h2>

<ul id="records-list">

<!-- Records will be dynamically added here -->

</ul>

</section>

</div>

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

</body>

</html>

### 2. CSS File: styles.css

body {

font-family: Arial, sans-serif;

background-color: #f4f4f4;

margin: 0;

padding: 0;

}

.container {

width: 80%;

margin: auto;

overflow: hidden;

}

h1, h2 {

color: #333;

text-align: center;

}

form {

background: #fff;

padding: 20px;

border-radius: 5px;

margin-bottom: 20px;

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

}

label {

display: block;

margin-bottom: 5px;

color: #555;

}

input[type="text"], input[type="email"], input[type="tel"], input[type="date"], input[type="time"] {

width: 100%;

padding: 10px;

margin-bottom: 10px;

border: 1px solid #ddd;

border-radius: 5px;

}

button {

display: block;

width: 100%;

padding: 10px;

background: #5cb85c;

color: #fff;

border: none;

border-radius: 5px;

cursor: pointer;

}

button:hover {

background: #4cae4c;

}

#records-list {

list-style-type: none;

padding: 0;

}

#records-list li {

background: #fff;

margin: 10px 0;

padding: 10px;

border-radius: 5px;

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

}

### 3. JavaScript File: scripts.js

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

// Handle patient registration

const registrationForm = document.getElementById('registration-form');

registrationForm.addEventListener('submit', (e) => {

e.preventDefault();

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

const email = document.getElementById('email').value;

const phone = document.getElementById('phone').value;

const dob = document.getElementById('dob').value;

alert(`Patient Registered: ${name}, ${email}, ${phone}, ${dob}`);

registrationForm.reset();

});

// Handle appointment scheduling

const appointmentForm = document.getElementById('appointment-form');

appointmentForm.addEventListener('submit', (e) => {

e.preventDefault();

const patientName = document.getElementById('patient-name').value;

const appointmentDate = document.getElementById('appointment-date').value;

const appointmentTime = document.getElementById('appointment-time').value;

const record = document.createElement('li');

record.textContent = `Appointment for ${patientName} on ${appointmentDate} at ${appointmentTime}`;

document.getElementById('records-list').appendChild(record);

alert(`Appointment Scheduled: ${patientName}, ${appointmentDate}, ${appointmentTime}`);

appointmentForm.reset();

});

// SMS Notification logic (dummy)

function sendSMSNotification(phone, message) {

// This function would integrate with an SMS API in a real-world scenario.

console.log(`Sending SMS to ${phone}: ${message}`);

}

});