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ENTERPRISE PROGRAMMING (CSC584)

GROUP 6

CDCS2534A

REPORT: WEB APPLICATION SYSTEM

TITLE: MEDICAL AID DONATION WEBSITE (MEDIAID)

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TABLE OF CONTENT

CSC508: ENTERPRISE PROGRAMMING
MEDIAD REPORT

1.0 INTRODUCTION.....	4
2.0 OBJECTIVES	4
3.0 PROBLEM STATEMENT	5
4.0 DATABASE MYSQL TABLE	6
4.1 Users Database.....	6
4.2 Donations Database	7
4.3 Feedback Database.....	8
4.2 Manage Database.....	8
5.0 SESSION INTERFACE WITH CODES	10
5.1 Register	10
5.1.1 Donor	17
5.1.2 Admin	17
5.2 Login.....	18
5.2.1 Donor	32
5.2.2 Admin	32
5.3 Dashboard Public	33
5.3.1 Donation Campaign	33
5.3.2 About MediAid	33
5.3.3 Infographic about Medical.....	34
5.4 Dashboard Corporate	43
5.4.1 About Us.....	43
5.4.2 Our Objectives	43
5.4.3 Infographic about MediAid Company	44
5.4.4 Contact Us.....	44
5.5 Donor Page	53
5.5.1 Dashboard Donor	53
5.5.2 Donation Page	58

**CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT**

5.5.3 Donation History.....	66
5.6 Admin Page	70
5.6.1 Admin Dashboard.....	70
5.6.2 Admin Charity List.....	87
5.6.2.1 Admin Delete Charity	95
5.6.2.2 Admin Add Charity	106
5.6.2 Admin report of user that has donated.....	116
5.6.3 Admin Feedback.....	126
5.6.4 Admin Delete User.....	134
6.0 DETAIL EXPLANATION	146
6.1 User (Donor).....	146
6.2 Admin	148
7.0 CONCLUSION	150

1.0 INTRODUCTION

This report details the development and implementation of a comprehensive Donation and Charity Management System, specifically tailored to Medical Aid. The global landscape is currently marked by persistent challenges in healthcare accessibility, including inadequate infrastructure, pervasive resource scarcity, and unequal distribution of essential medical supplies and services. In this context, the efficient, transparent, and accountable administration of charitable contributions becomes critically important. Existing paradigms often struggle with issues such as fragmented data, reliance on manual processing, and a notable lack of real-time visibility into the flow and impact of donations, all of which hinder effective humanitarian efforts.

To address these limitations, we introduce MediAid, a name derived from the combination of “Medical” and “Aid,” symbolizing the system’s core mission which is to support medical relief efforts through digital means. The platform was conceptualized to streamline and modernize the donation process, enabling both individuals and corporate donors to contribute to verified medical causes securely and efficiently. By offering a centralized platform, MediAid ensures better coordination between donors and medical aid recipients, making it easier to allocate resources where they are most needed.

The system is built with accessibility and transparency in mind. Donors can create an account, make contributions, and track their donation history, while administrators have access to tools that manage user data, monitor donation trends, and review charity requests. By automating manual processes and integrating real-time tracking features, MediAid aims to improve trust, accountability, and responsiveness within the medical charity sector. The design also includes user-friendly interfaces, multiple payment options, and administrative dashboards that reduce overhead and simplify management tasks.

Overall, MediAid is more than just a digital platform it represents a step forward in modernizing medical philanthropy. By bridging gaps between intention and impact, the system empowers donors to contribute meaningfully and ensures that aid reaches communities in crisis more efficiently. This report will explore the system's objectives, design approach, architecture, core features, and its expected contribution to enhancing medical aid distribution nationwide.

2.0 OBJECTIVES

1. To provide a transparent and trackable medical donation system
2. To automate and simplify charity management processes
3. To make donating easier and more accessible for the public

3.0 PROBLEM STATEMENT

Availability of basic healthcare support is a major issue across the world that is especially evident in the poorly served streets where people lack proper structure and adequate healthcare resources and face various inequalities in the system. Although both people and organizations are eager to donate to a medical cause, as it is, the existing donation and philanthropy administration system is not efficient, dispersed and not transparent. Such constraints lead to cumbersome procedures, delays in responding, and lack of trust amongst donors since there is no timeliness and transparency involved in tracking.

Current systems are quite dependent on manual operations, diffused data processing, and lack of uniformity in the communication between donors and the suppliers of aid. It causes challenges in terms of the source of information on proper management of donors, monitoring donor status and evaluating the changes brought about. It also creates a challenge in ensuring contributions are received at the right time and place by the intended beneficiaries. In addition, medical charities cannot perform their work with maximum efficiency due to the absence of a centralized and secured database that does not require spending time filling out forms and planning logistics.

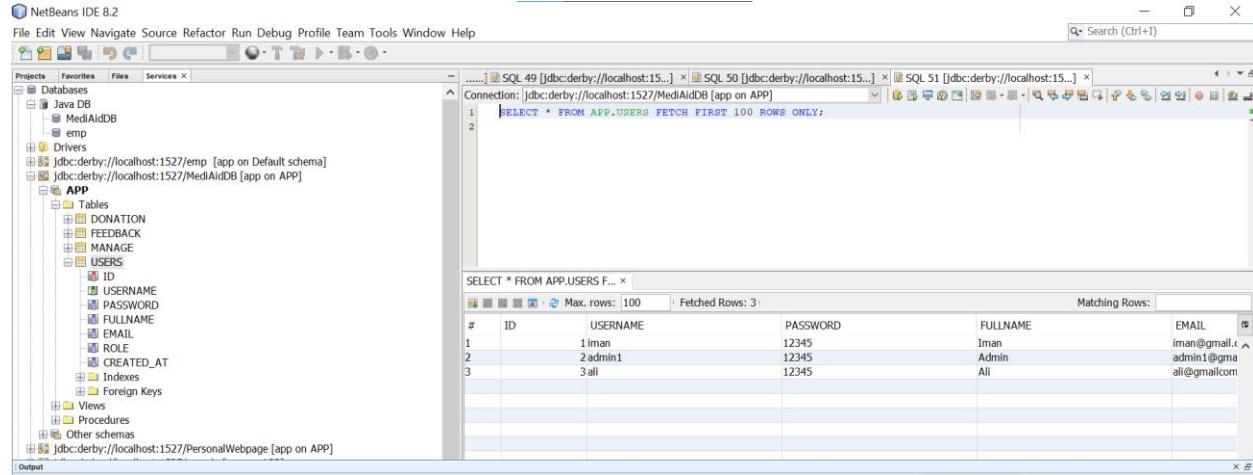
Thus, there is an urgent need to provide a digital solution that can pacify the centralization of donation activities, automatize the administrative processes, increase transparency, and develop confidence on the donor side. This would ensure that the much needed medical aid gets to those who need it faster and to the organizations being able to make the most of what they can through their charitable activities.

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4.0 DATABASE MYSQL TABLE

4.1 Users Database

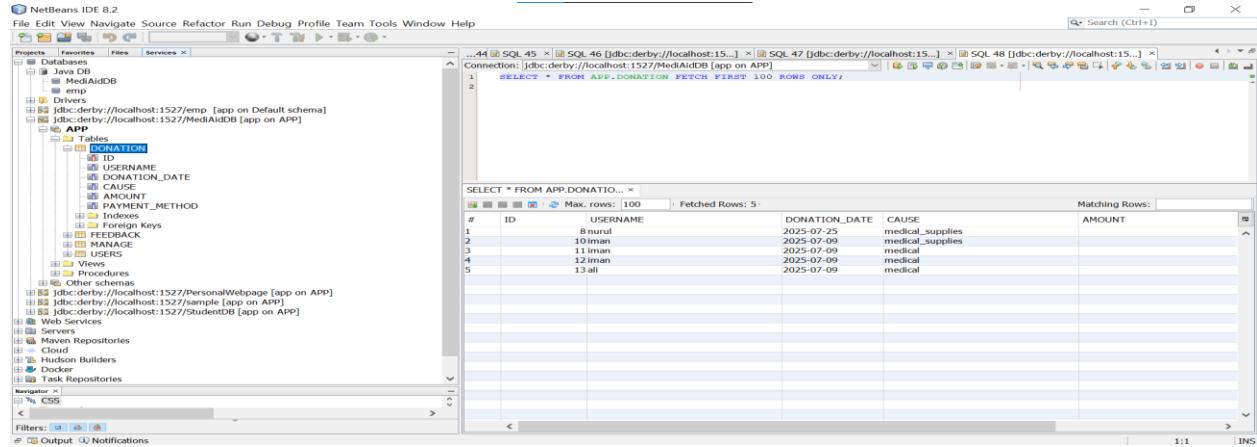


```
CREATE TABLE users (
    id INTEGER NOT NULL GENERATED ALWAYS AS IDENTITY (START WITH 1, INCREMENT
BY 1),
    username VARCHAR(50) NOT NULL UNIQUE,
    password VARCHAR(100) NOT NULL,
    fullname VARCHAR(100),
    email VARCHAR(100),
    role VARCHAR(20) DEFAULT 'donor',
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
    PRIMARY KEY (id)
);
```

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MEDIAID REPORT

4.2 Donations Database



```
CREATE TABLE donations (
```

```
    id INTEGER NOT NULL GENERATED ALWAYS AS IDENTITY (START WITH 1, INCREMENT  
    BY 1),
```

```
    donor_name VARCHAR(100) NOT NULL,
```

```
    amount DECIMAL(10,2) NOT NULL,
```

```
    donation_type VARCHAR(50),
```

```
    message TEXT,
```

```
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
```

```
    PRIMARY KEY (id)
```

```
);
```

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MEDIAID REPORT

4.3 Feedback Database

#	ID	NAME	EMAIL	MESSAGE
1	1	NURUL	nurul@gmail.com	Best!!
2	2	All	all@gmail.com	Amazing !!!
3	3	Abu	abu@gmail.com	Wowwww!!

```
CREATE TABLE feedback (
```

```

    id INT PRIMARY KEY GENERATED ALWAYS AS IDENTITY,
    name VARCHAR(100),
    email VARCHAR(100),
    message VARCHAR(1000)
);
```

4.2 Manage Database

#	ID	CATEGORY	PLACE	DONATION_DATE
1	3	patient	THOMPSON MEDICAL CENTRE	2025-07-10
2	4	medical	HOSPITAL USM	2025-07-09
3	6	fund	HOSPITAL PASIR MAS KELANTAN	2025-07-23

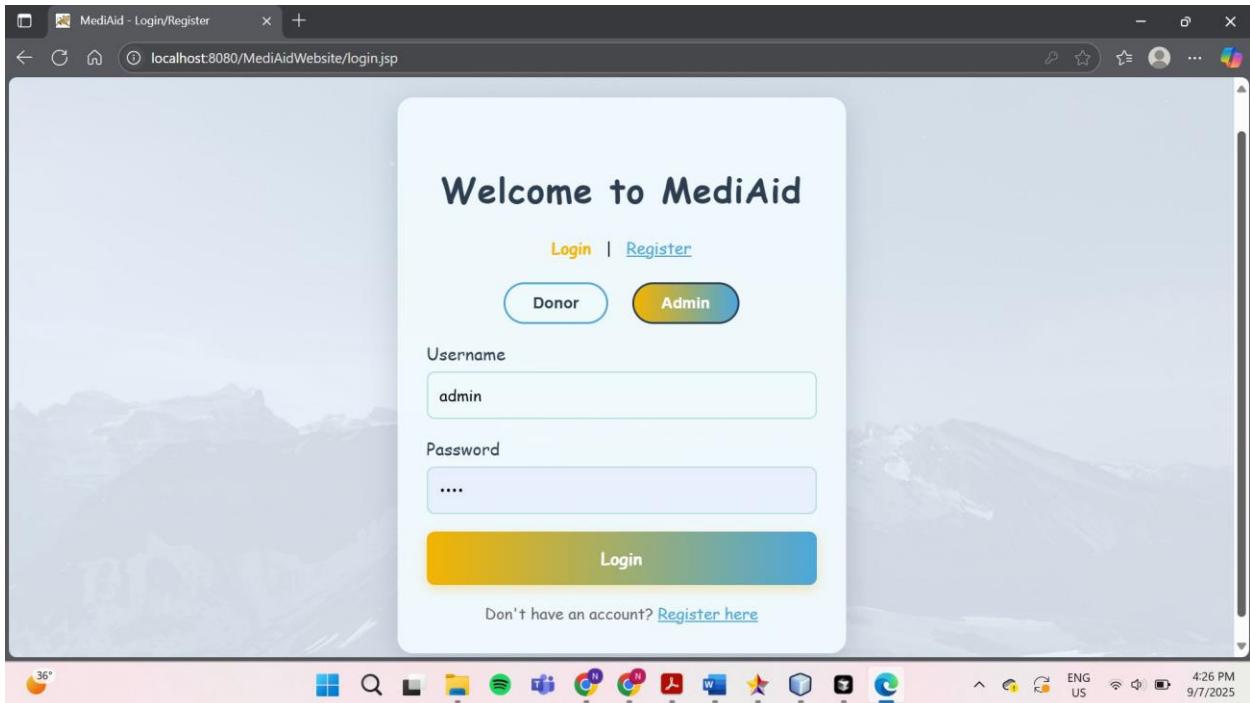
```
CREATE TABLE Manage (
```

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MEDIAID REPORT

```
ID INT PRIMARY KEY GENERATED ALWAYS AS IDENTITY (START WITH 1, INCREMENT BY  
1),  
CATEGORY VARCHAR(50),  
PLACE VARCHAR(100),  
DONATION_DATE DATE  
);
```

5.0 SESSION INTERFACE WITH CODES

5.1 Register



Source Code Register.jsp:

```
<%--  
    Document : signup  
    Created on : Jun 27, 2025, 12:52:07 AM  
    Author : user  
--%>  
  
<%@ page contentType="text/html; charset=UTF-8" language="java" %>  
<!DOCTYPE html>  
<html>  
<head>  
    <title>Sign Up - MediAid</title>  
</head>  
<body>
```

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MEDIAD REPORT

```
<h2>Sign Up for MediAid</h2>

<form action="RegisterServlet" method="post">

    Username: <input type="text" name="username" required><br><br>
    Password: <input type="password" name="password" required><br><br>
    <input type="submit" value="Register">

    <span><input type="button" value="Back To Login"
    onclick="window.location.href='login.jsp';"/></span>

</form>

<%
// Check for success parameter

if ("1".equals(request.getParameter("success"))) {

%>

<p style="color:green;">Successfully registered! Please login.</p>

<%
}

// Check for error parameters

if ("exists".equals(request.getParameter("error"))) {

%>

<p style="color:red;">Username already exists. Please choose a different
one.</p>

<%
} else if ("db".equals(request.getParameter("error"))) {

%>

<p style="color:red;">Database error. Please try again later.</p>

<%
} else if ("db_driver".equals(request.getParameter("error"))) {

%>

<p style="color:red;">A critical database driver error occurred. Please
contact support.</p>
```

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MEDIAID REPORT

```
<%
}
%>
</body>
</html>
```

Source Code LoginServlet.java:

```
/* package controller;

import java.io.; import java.sql.; import javax.servlet.; import javax.servlet.http.;

public class RegisterServlet extends HttpServlet {

private final String dbURL = "jdbc:derby://localhost:1527/MediAidDB";
private final String dbUser = "app";
private final String dbPass = "app";

@Override
protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {

    String username = request.getParameter("username");
    String password = request.getParameter("password");
    String fullname = request.getParameter("fullname");
    String email = request.getParameter("email");
    String role = request.getParameter("role");

    // Set default role if not provided
    if (role == null || role.trim().isEmpty()) {
        role = "donor";
    }

    Connection conn = null;
    PreparedStatement psCheck = null;
    PreparedStatement psInsert = null;

    try {
        Class.forName("org.apache.derby.jdbc.ClientDriver");
        conn = DriverManager.getConnection(dbURL, dbUser, dbPass);

        // Check if user already exists
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
String checkQuery = "SELECT * FROM users WHERE username = ?";
psCheck = conn.prepareStatement(checkQuery);
psCheck.setString(1, username);
ResultSet rs = psCheck.executeQuery();

if (rs.next()) {
    // User already exists
    response.sendRedirect("login.jsp?error=exists");
} else {
    // Insert new user with all fields
    String insertQuery = "INSERT INTO users(username, password, fullname,
email, role) VALUES (?, ?, ?, ?, ?)";
    psInsert = conn.prepareStatement(insertQuery);
    psInsert.setString(1, username);
    psInsert.setString(2, password);
    psInsert.setString(3, fullname);
    psInsert.setString(4, email);
    psInsert.setString(5, role);
    psInsert.executeUpdate();
    response.sendRedirect("login.jsp?success=1");
}

} catch (ClassNotFoundException e) {
    e.printStackTrace();
    response.sendRedirect("login.jsp?error=db_driver");
} catch (SQLException e) {
    e.printStackTrace();
    response.sendRedirect("login.jsp?error=db");
} finally {
    try {
        if (psCheck != null) psCheck.close();
        if (psInsert != null) psInsert.close();
        if (conn != null) conn.close();
    } catch (SQLException ignored) {
        // Log this if necessary, but often ignored for closing resources
    }
}
}

}
```

Source Code LoginServletH2.java:

CSC508: ENTERPRISE PROGRAMMING
MEDIAD REPORT

```
/*
 * H2 Database Version of RegisterServlet
 * Use this if you prefer H2 over Derby
 */
package controller;

import java.io.*;
import java.sql.*;
import javax.servlet.*;
import javax.servlet.http.*;

public class RegisterServletH2 extends HttpServlet {

    // H2 Database connection details
    private final String dbURL = "jdbc:h2:./MediAidDB";
    private final String dbUser = "sa";
    private final String dbPass = "";

    @Override
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {

        String username = request.getParameter("username");
        String password = request.getParameter("password");
        String fullname = request.getParameter("fullname");
        String email = request.getParameter("email");
        String role = request.getParameter("role");
    }
}
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
// Set default role if not provided
if (role == null || role.trim().isEmpty()) {
    role = "donor";
}

Connection conn = null;
PreparedStatement psCheck = null;
PreparedStatement psInsert = null;

try {
    // H2 Database driver
    Class.forName("org.h2.Driver");
    conn = DriverManager.getConnection(dbURL, dbUser, dbPass);

    // Check if user already exists
    String checkQuery = "SELECT * FROM users WHERE username = ?";
    psCheck = conn.prepareStatement(checkQuery);
    psCheck.setString(1, username);
    ResultSet rs = psCheck.executeQuery();

    if (rs.next()) {
        // User already exists
        response.sendRedirect("login.jsp?error=exists");
    } else {
        // Insert new user with all fields
        String insertQuery = "INSERT INTO users(username, password, fullname,
email, role) VALUES (?, ?, ?, ?, ?)";
        psInsert = conn.prepareStatement(insertQuery);
        psInsert.setString(1, username);
```

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MEDIAID REPORT

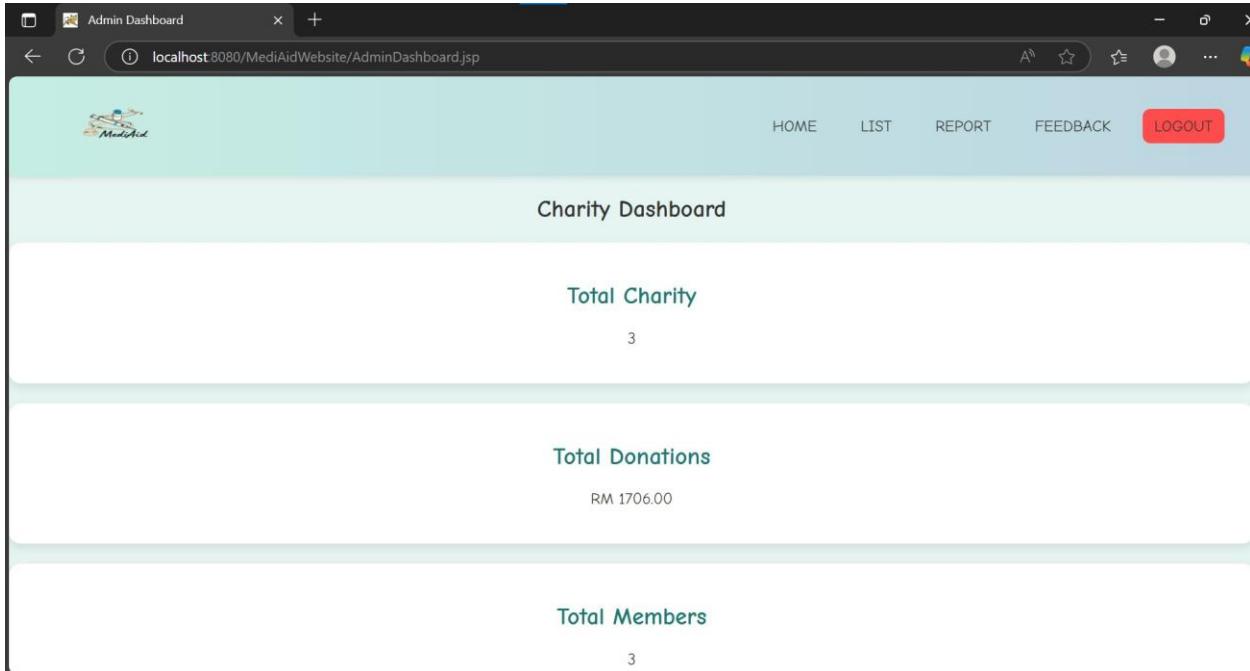
```
        psInsert.setString(2, password);
        psInsert.setString(3, fullname);
        psInsert.setString(4, email);
        psInsert.setString(5, role);
        psInsert.executeUpdate();
        response.sendRedirect("login.jsp?success=1");
    }

} catch (ClassNotFoundException e) {
    e.printStackTrace();
    response.sendRedirect("login.jsp?error=db_driver");
} catch (SQLException e) {
    e.printStackTrace();
    response.sendRedirect("login.jsp?error=db");
} finally {
    try {
        if (psCheck != null) psCheck.close();
        if (psInsert != null) psInsert.close();
        if (conn != null) conn.close();
    } catch (SQLException ignored) {
        // Log this if necessary, but often ignored for closing resources
    }
}
}
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

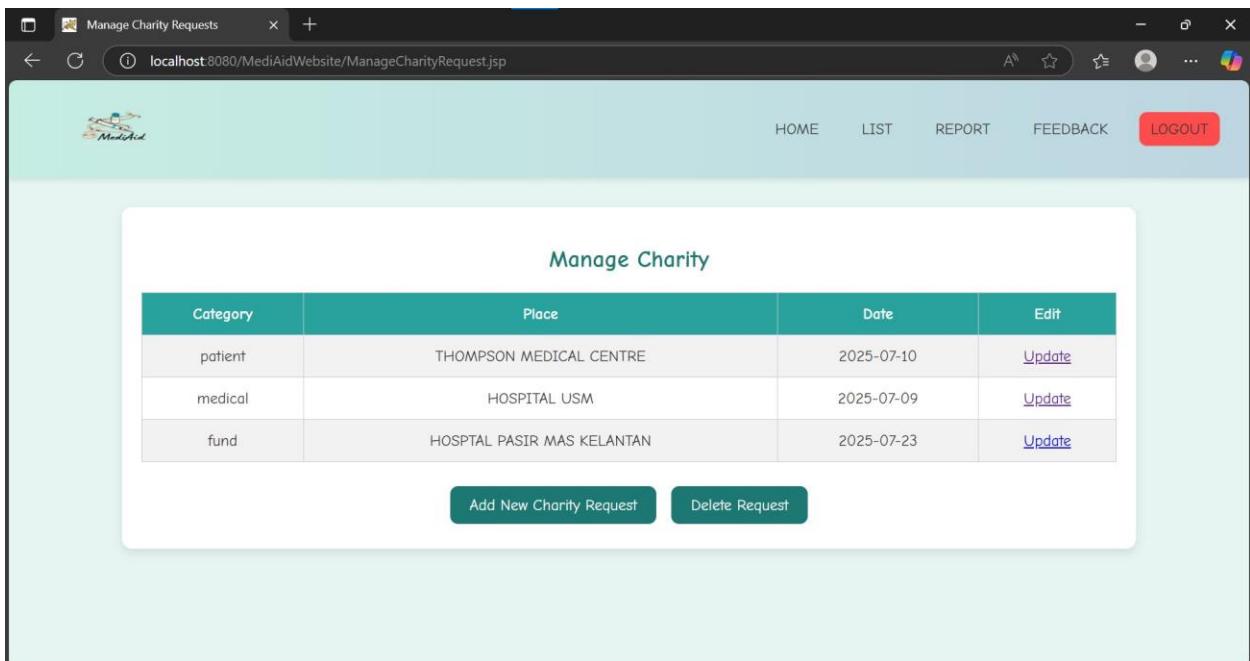
5.1.1 Donor

5.1.2 Admin



The screenshot shows the Admin Dashboard with the following statistics:

- Total Charity:** 3
- Total Donations:** RM 1706.00
- Total Members:** 3

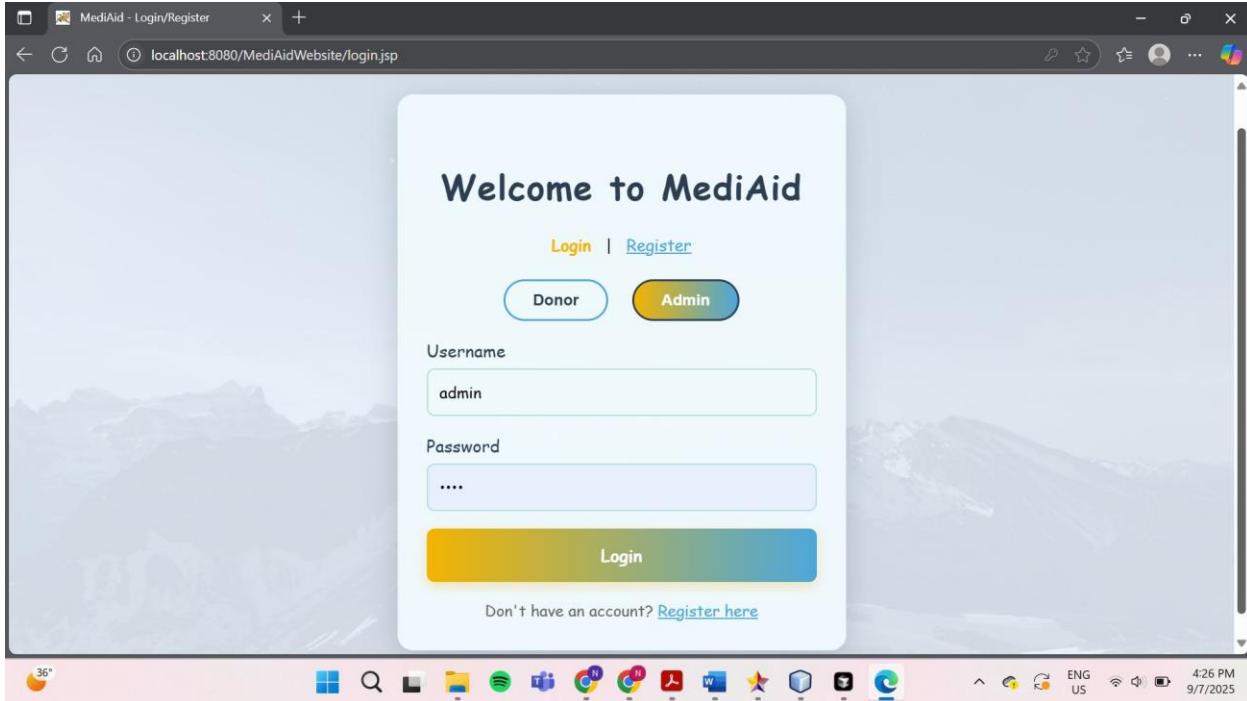


The screenshot shows the Manage Charity Requests page with the following data:

Category	Place	Date	Edit
patient	THOMPSON MEDICAL CENTRE	2025-07-10	Update
medical	HOSPITAL USM	2025-07-09	Update
fund	HOSPITAL PASIR MAS KELANTAN	2025-07-23	Update

Buttons at the bottom: [Add New Charity Request](#) and [Delete Request](#).

5.2 Login



Source Code Login.jsp:

```
<%--  
 Document    : login  
 Created on : Jun 27, 2025, 12:52:07 AM  
 Author      : user  
--%>  
  
<%@ page contentType="text/html; charset=UTF-8" language="java" %>  
<!DOCTYPE html>  
<html lang="en">  
<head>  
    <meta charset="UTF-8">  
    <meta name="viewport" content="width=device-width, initial-scale=1.0">  
    <title>MediAid - Login/Register</title>  
    <link rel="stylesheet" href="css/login-style.css">
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
</head>

<body>

    <div class="container">

        <div class="form-container">

            <h2>Welcome to MediAid</h2>

            <!-- Error/Success Messages -->

            <% if ("invalid".equals(request.getParameter("error"))) { %>
                <div class="error-message">Invalid username or password. Please try again.</div>
            <% } else if ("db_driver".equals(request.getParameter("error"))) { %>
                <div class="error-message">A critical database error occurred. Please contact support.</div>
            <% } else if ("1".equals(request.getParameter("success"))) { %>
                <div class="success-message">Registration successful! Please login with your credentials.</div>
            <% } else if ("exists".equals(request.getParameter("error"))) { %>
                <div class="error-message">Username already exists. Please choose a different one.</div>
            <% } else if ("db".equals(request.getParameter("error"))) { %>
                <div class="error-message">Database error. Please try again later.</div>
            <% } %>

            <div class="toggle-links">
                <span class="toggle-link active" id="showLogin">Login</span> |
                <span class="toggle-link" id="showRegister">Register</span>
            </div>

            <!-- Login Form -->
            <form id="loginForm" action="LoginServlet" method="post">
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
<div class="role-selector">
    <button type="button" class="role-btn selected"
id="loginDonorBtn">Donor</button>
    <button type="button" class="role-btn"
id="loginAdminBtn">Admin</button>
</div>
<div class="form-group">
    <label for="loginUsername">Username</label>
    <input type="text" id="loginUsername" name="username" required>
</div>
<div class="form-group">
    <label for="loginPassword">Password</label>
    <input type="password" id="loginPassword" name="password"
required>
</div>
<input type="hidden" id="loginSelectedRole" name="role"
value="donor">
<button type="submit">Login</button>
<div class="register-link">
    Don't have an account? <a href="#" id="switchToRegister">Register
here</a>
</div>
</form>

<!-- Register Form -->
<form id="registerForm" class="hidden" action="RegisterServlet"
method="post">
    <div class="role-selector">
        <button type="button" class="role-btn selected"
id="donorBtn">Donor</button>
        <button type="button" class="role-btn"
id="adminBtn">Admin</button>
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
</div>

<div class="form-group">
    <label for="registerName">Full Name</label>
    <input type="text" id="registerName" name="fullname" required>
</div>

<div class="form-group">
    <label for="registerUsername">Username</label>
    <input type="text" id="registerUsername" name="username"
required>
</div>

<div class="form-group">
    <label for="registerEmail">Email</label>
    <input type="email" id="registerEmail" name="email" required>
</div>

<div class="form-group">
    <label for="registerPassword">Password</label>
    <input type="password" id="registerPassword" name="password"
required>
</div>

<div class="form-group">
    <label for="confirmPassword">Confirm Password</label>
    <input type="password" id="confirmPassword"
name="confirmPassword" required>
</div>

<input type="hidden" id="selectedRole" name="role" value="donor">
<button type="submit">Register</button>

<div class="register-link">
    Already have an account? <a href="#" id="switchToLogin">Login
here</a>
</div>
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
</form>

</div>

</div>

<script>

    // Toggle between login and register forms

    const loginForm = document.getElementById('loginForm');

    const registerForm = document.getElementById('registerForm');

    const showLogin = document.getElementById('showLogin');

    const showRegister = document.getElementById('showRegister');

    const switchToRegister = document.getElementById('switchToRegister');

    const switchToLogin = document.getElementById('switchToLogin');


    function showLoginForm() {

        loginForm.classList.remove('hidden');

        registerForm.classList.add('hidden');

        showLogin.classList.add('active');

        showRegister.classList.remove('active');

    }

    function showRegisterForm() {

        registerForm.classList.remove('hidden');

        loginForm.classList.add('hidden');

        showRegister.classList.add('active');

        showLogin.classList.remove('active');

    }

    showLogin.addEventListener('click', showLoginForm);

    showRegister.addEventListener('click', showRegisterForm);

    switchToRegister.addEventListener('click', function(e) { e.preventDefault();

showRegisterForm(); });


```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
switchToLogin.addEventListener('click', function(e) { e.preventDefault();
showLoginForm(); });

// Role selection logic for register

const donorBtn = document.getElementById('donorBtn');

const adminBtn = document.getElementById('adminBtn');

const selectedRoleInput = document.getElementById('selectedRole');

donorBtn.addEventListener('click', function() {
    donorBtn.classList.add('selected');
    adminBtn.classList.remove('selected');
    selectedRoleInput.value = 'donor';
});

adminBtn.addEventListener('click', function() {
    adminBtn.classList.add('selected');
    donorBtn.classList.remove('selected');
    selectedRoleInput.value = 'admin';
});

// Role selection logic for login

const loginDonorBtn = document.getElementById('loginDonorBtn');

const loginAdminBtn = document.getElementById('loginAdminBtn');

const loginSelectedRoleInput = document.getElementById('loginSelectedRole');

loginDonorBtn.addEventListener('click', function() {
    loginDonorBtn.classList.add('selected');
    loginAdminBtn.classList.remove('selected');
    loginSelectedRoleInput.value = 'donor';
});

loginAdminBtn.addEventListener('click', function() {
    loginAdminBtn.classList.add('selected');
});
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
loginDonorBtn.classList.remove('selected');

loginSelectedRoleInput.value = 'admin';

});

// Registration form validation

registerForm.addEventListener('submit', function(e) {

    const password = document.getElementById('registerPassword').value;
    const confirmPassword = document.getElementById('confirmPassword').value;

    if (password !== confirmPassword) {

        e.preventDefault();
        alert('Passwords do not match!');
        return false;
    }
});

</script>

</body>

</html>
```

Source Code LoginServlet.java:

```
package controller;

import java.io.IOException;

import javax.servlet.*;
import javax.servlet.http.*;

import java.sql.*;

import javax.servlet.annotation.WebServlet;
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAD REPORT

```
public class LoginServlet extends HttpServlet {  
  
    private final String dbURL = "jdbc:derby://localhost:1527/MediAidDB";  
  
    private final String dbUser = "app";  
  
    private final String dbPass = "app";  
  
  
    protected void doPost(HttpServletRequest request, HttpServletResponse response)  
        throws ServletException, IOException {  
  
        System.out.println("LoginServlet doPost called!");  
  
  
        String username = request.getParameter("username");  
  
        String password = request.getParameter("password");  
  
        String role = request.getParameter("role"); // New role parameter  
  
  
        Connection conn = null;  
  
        PreparedStatement stmt = null;  
  
        ResultSet rs = null;  
  
  
        try {  
            Class.forName("org.apache.derby.jdbc.ClientDriver");  
  
            conn = DriverManager.getConnection(dbURL, dbUser, dbPass);  
  
  
            // Updated query to include role check if role is provided  
  
            String sql;
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
if (role != null && !role.trim().isEmpty()) {  
  
    sql = "SELECT * FROM USERS WHERE USERNAME=? AND PASSWORD=? AND  
ROLE=?";  
  
} else {  
  
    sql = "SELECT * FROM USERS WHERE USERNAME=? AND PASSWORD=?";  
  
}  
  
  
stmt = conn.prepareStatement(sql);  
  
stmt.setString(1, username);  
  
stmt.setString(2, password);  
  
if (role != null && !role.trim().isEmpty()) {  
  
    stmt.setString(3, role);  
  
}  
  
rs = stmt.executeQuery();  
  
  
  
if (rs.next()) {  
  
    HttpSession session = request.getSession();  
  
    session.setAttribute("username", username);  
  
    session.setAttribute("role", rs.getString("role") != null ?  
rs.getString("role") : role);  
  
  
    // Store additional user information if available  
  
    if (rs.getString("fullname") != null) {  
  
        session.setAttribute("fullname", rs.getString("fullname"));  
  
    }  
}
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
if (rs.getString("email") != null) {  
  
    session.setAttribute("email", rs.getString("email"));  
  
}  
  
  
// Redirect based on role  
  
if ("admin".equals(role)) {  
  
    response.sendRedirect("AdminDashboard.jsp"); // Corrected: Admin  
dashboard  
  
} else {  
  
    response.sendRedirect("user/index.jsp"); // User dashboard  
  
}  
  
} else {  
  
    response.sendRedirect("login.jsp?error=invalid");  
  
}  
  
  
}  
catch (ClassNotFoundException e) {  
  
    e.printStackTrace();  
  
    response.sendRedirect("login.jsp?error=db_driver"); // Specific error for  
driver not found  
  
} catch (SQLException e) {  
  
    e.printStackTrace(); // Still logs in console  
  
    response.sendRedirect("login.jsp?error=db");  
  
} finally {  
  
    try {  
  
        if (rs != null) rs.close();  
  
    }  
}
```

```
        if (stmt != null) stmt.close();

        if (conn != null) conn.close();

    } catch (SQLException ignored) {

        // Log this if necessary

    }

}

}

}

}
```

Source Code LoginServletH2.java:

```
/*
 * H2 Database Version of LoginServlet
 * Use this if you prefer H2 over Derby
 */

package controller;

import java.io.IOException;
import javax.servlet.*;
import javax.servlet.http.*;
import java.sql.*;
import javax.servlet.annotation.WebServlet;

public class LoginServletH2 extends HttpServlet {

    // H2 Database connection details
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAD REPORT

```
private final String dbURL = "jdbc:h2:./MediAidDB";  
  
private final String dbUser = "sa";  
  
private final String dbPass = "";  
  
  
protected void doPost(HttpServletRequest request, HttpServletResponse response)  
    throws ServletException, IOException {  
  
    String username = request.getParameter("username");  
  
    String password = request.getParameter("password");  
  
    String role = request.getParameter("role");  
  
  
    Connection conn = null;  
  
    PreparedStatement stmt = null;  
  
    ResultSet rs = null;  
  
  
    try {  
        // H2 Database driver  
  
        Class.forName("org.h2.Driver");  
  
        conn = DriverManager.getConnection(dbURL, dbUser, dbPass);  
  
  
        // Updated query to include role check if role is provided  
  
        String sql;  
  
        if (role != null && !role.trim().isEmpty()) {
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
sql = "SELECT * FROM USERS WHERE USERNAME=? AND PASSWORD=? AND
ROLE=?";

} else {

    sql = "SELECT * FROM USERS WHERE USERNAME=? AND PASSWORD=?";

}

stmt = conn.prepareStatement(sql);

stmt.setString(1, username);

stmt.setString(2, password);

if (role != null && !role.trim().isEmpty()) {

    stmt.setString(3, role);

}

rs = stmt.executeQuery();

if (rs.next()) {

    HttpSession session = request.getSession();

    session.setAttribute("username", username);

    session.setAttribute("role", rs.getString("role") != null ?
rs.getString("role") : role);

    // Store additional user information if available

    if (rs.getString("fullname") != null) {

        session.setAttribute("fullname", rs.getString("fullname"));

    }

    if (rs.getString("email") != null) {
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
        session.setAttribute("email", rs.getString("email"));

    }

    // Redirect based on role

    if ("admin".equals(role)) {
        response.sendRedirect("Dashboard.jsp");
    } else {
        response.sendRedirect("user/index.jsp");
    }
} else {
    response.sendRedirect("login.jsp?error=invalid");
}

}

} catch (ClassNotFoundException e) {
    e.printStackTrace();
    response.sendRedirect("login.jsp?error=db_driver");
} catch (SQLException e) {
    e.printStackTrace();
    response.sendRedirect("login.jsp?error=db");
}
} finally {
    try {
        if (rs != null) rs.close();
        if (stmt != null) stmt.close();
        if (conn != null) conn.close();
    }
}
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

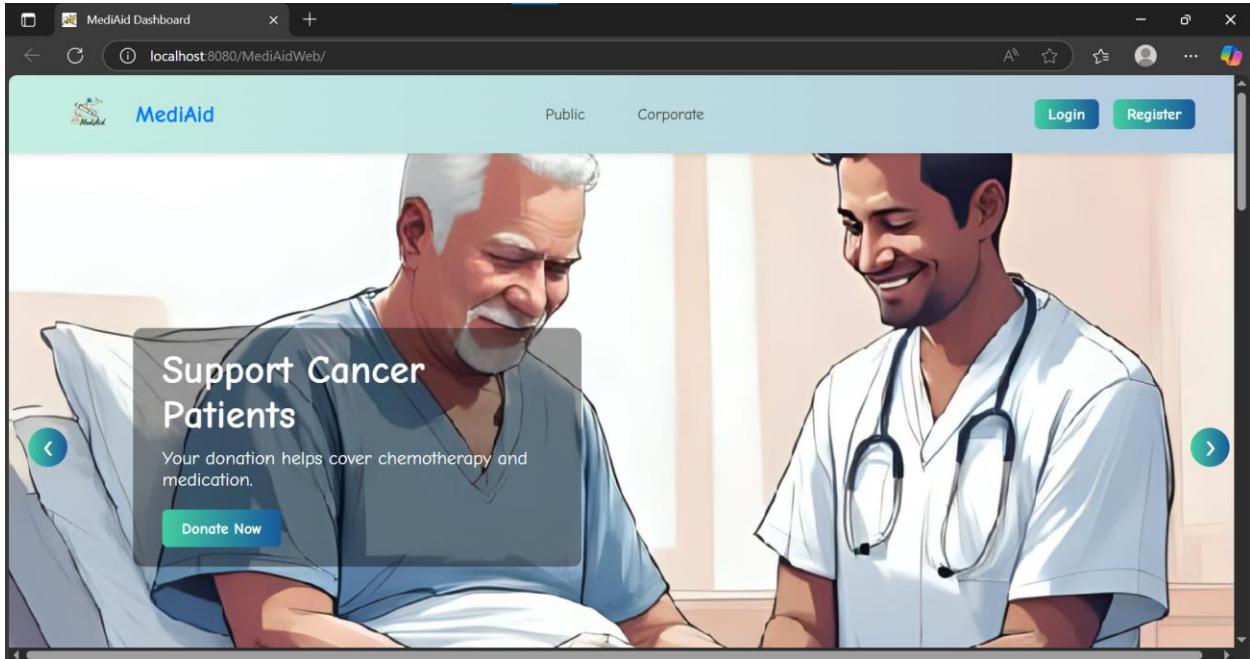
```
    } catch (SQLException ignored) {  
  
        // Log this if necessary  
  
    }  
  
}  
  
}
```

5.2.1 Donor

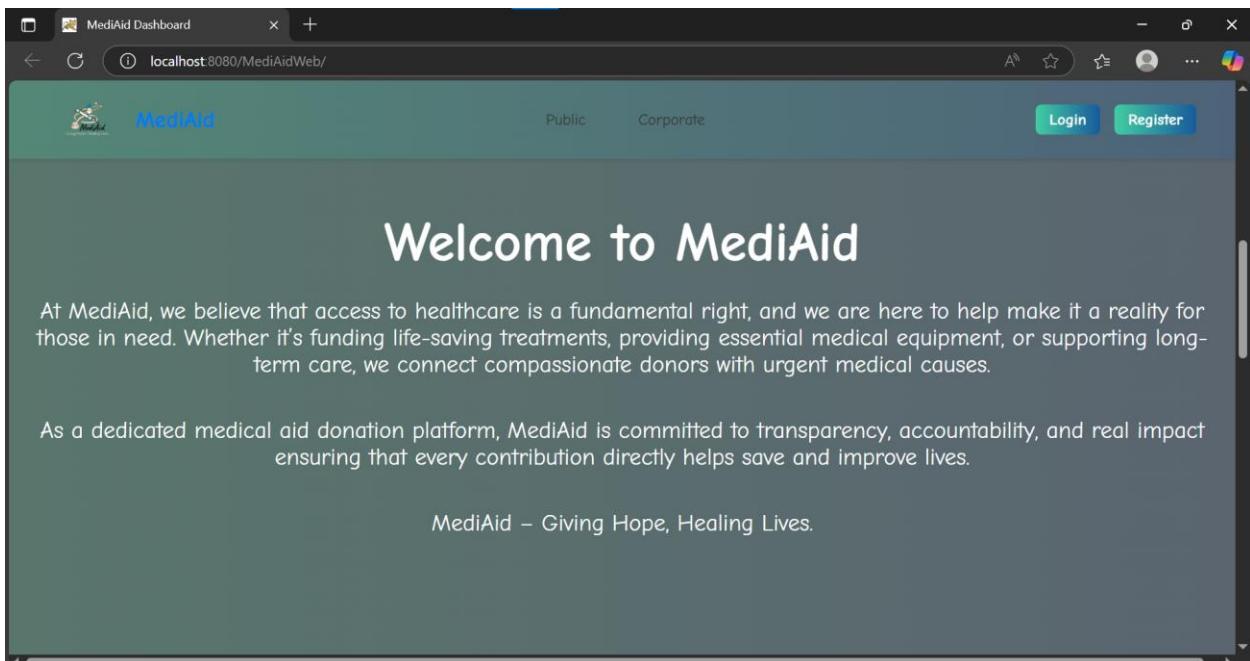
5.2.2 Admin

5.3 Dashboard Public

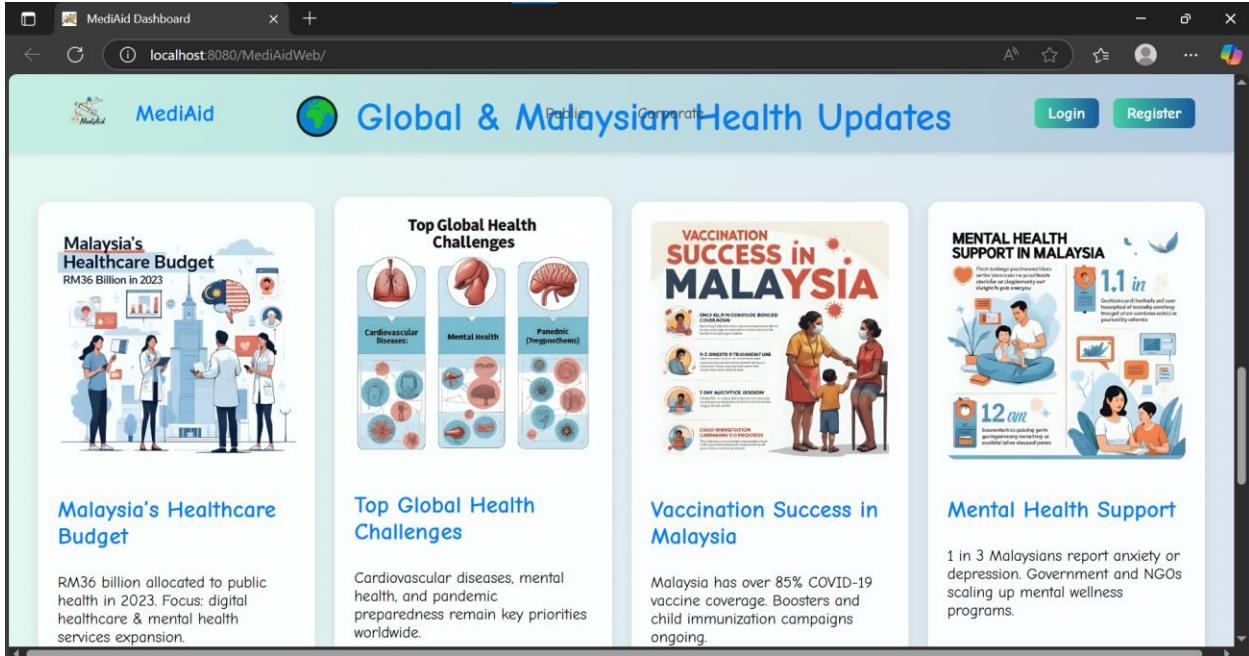
5.3.1 Donation Campaign



5.3.2 About MediAid



5.3.3 Infographic about Medical



Source Code Dashboard.jsp:

```
<%@ page session="true" %>
<%@ page contentType="text/html" pageEncoding="UTF-8" %>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>MediAid Dashboard</title>
    <link href="https://fonts.googleapis.com/css2?family=Comic+Neue:wght@300;400;700&display=swap" rel="stylesheet">
    <style>

body { margin: 0; font-family: 'Comic Neue', cursive; background: linear-gradient(90deg, rgba(67, 206, 162, 0.15), rgba(24, 90, 157, 0.15)); animation: fadeIn 1s; }

@keyframes fadeIn {
    from { opacity: 0; }
    to { opacity: 1; }
}

.hero {
    background: linear-gradient(90deg, rgba(67, 206, 162, 0.3), rgba(24, 90, 157,
```

```
0.2));
  padding: 120px 20px;
  text-align: center;
  color: white;
  position: relative;
}

.hero::after {
  content: "";
  position: absolute;
  top: 0; left: 0; width: 100%; height: 100%;
  background-color: rgba(0,0,0,0.5);
  z-index: 0;
}

.hero-content {
  position: relative;
  z-index: 1;
}

.hero h1 {
  font-size: 3.5em;
  margin-bottom: 15px;
}

.hero p {
  font-size: 1.5em;
  margin-bottom: 40px;
}

.hero-buttons a {
  padding: 15px 30px;
  background-color: #007BFF;
  color: white;
  border-radius: 30px;
  text-decoration: none;
  margin: 10px;
  display: inline-block;
  transition: background-color 0.3s, transform 0.3s;
}

.hero-buttons a:hover {
  background-color: #0056b3;
  transform: scale(1.05);
```

```
}

.section-title {
    text-align: center;
    margin-top: 50px;
    font-size: 2.5em;
    color: #007BFF;
}

.info-cards {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(280px, 1fr));
    gap: 20px;
    padding: 30px;
    max-width: 1200px;
    margin: auto;
}

.card {
    background: rgba(255, 255, 255, 0.9);
    padding: 20px;
    border-radius: 12px;
    box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);
    transition: transform 0.3s ease;
}

.card:hover {
    transform: translateY(-5px);
}

.card img {
    width: 100%;
    border-radius: 8px;
    margin-bottom: 10px;
}

.card h3 {
    color: #007BFF;
    font-size: 1.5em;
}

footer {
    text-align: center;
    padding: 20px;
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
font-size: 0.9em;
background: linear-gradient(90deg, rgba(67, 206, 162, 0.2), rgba(24, 90, 157, 0.2));
color: #333;
}

.infographic {
    text-align: center;
    margin: 40px 0;
}

.infographic img {
    width: 80%;
    max-width: 600px;
    border-radius: 12px;
    animation: slideIn 1s;
}

@keyframes slideIn {
    from { transform: translateY(20px); opacity: 0; }
    to { transform: translateY(0); opacity: 1; }
}

.text {
    margin-top: 15px;
}

.text h3 {
    color: #00695c;
    font-size: 1.3em;
}

.text p {
    color: #555;
    font-size: 0.95rem;
}

.donate-btn {
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
display: inline-block; margin-top: 10px; padding: 10px 20px; background: linear-gradient(90deg, #43cea2 0%, #185a9d 100%); color: white; text-decoration: none; border-radius: 8px; transition: background 0.3s ease, transform 0.3s ease; font-weight: bold; border: none; }

.donate-btn:hover { background: linear-gradient(90deg, #185a9d 0%, #43cea2 100%); transform: scale(1.05); }

.campaign-slider { width: 100vw; height: 100vh; overflow: hidden; position: relative; }

.slider-track { display: flex; width: 300vw; /* ✓ correct for 3 slides */ height: 100%; transition: transform 1s ease-in-out; }

.slide { flex: 0 0 100vw; height: 100vh; position: relative; }

.slide img { width: 100%; height: 100%; object-fit: cover; }

.caption { position: absolute; top: 50%; left: 10%; transform: translateY(-50%); color: white; background: rgba(0, 0, 0, 0.4); padding: 20px 30px; border-radius: 10px; max-width: 400px; animation: fadeSlideIn 1s ease-in-out; }

.caption h2 { font-size: 2.5em; margin: 0; }

.caption p { font-size: 1.2em; margin: 10px 0; }

.caption a { display: inline-block; padding: 10px 20px; background-color: #007BFF; color: white; text-decoration: none; border-radius: 6px; margin-top: 10px; }

.caption a:hover { background-color: #0056b3; }

@keyframes fadeSlideIn { from { opacity: 0; transform: translate(-20px, -50%); } to { opacity: 1; transform: translate(0, -50%); } }

.slider-btn { position: absolute; top: 50%; transform: translateY(-50%); width: 40px; height: 40px; background: linear-gradient(90deg, #43cea2, #185a9d); /* warna tema / color: white; border: none; cursor: pointer; z-index: 10; border-radius: 50%; */ buat bulat sempurna / font-size: 1.2rem; /* kecilkan ikon dalam */ display: flex; align-items: center; justify-content: center; transition: background 0.3s, transform 0.2s; }

.slider-btn:hover { background: linear-gradient(90deg, #185a9d, #43cea2); transform: scale(1.1); }

.slider-btn.prev { left: 20px; }
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
.slider-btn.next { right: 20px; }

(nav-bar) /* ◆ Navbar Styles */ .navbar { position: sticky; top: 0; width: 100%; background: linear-gradient(90deg, rgba(67, 206, 162, 0.2), rgba(24, 90, 157, 0.2)); box-shadow: 0 2px 6px rgba(0,0,0,0.1); z-index: 1000; font-family: 'Comic Neue', cursive; }

.navbar-container { display: flex; justify-content: space-between; align-items: center; padding: 0 40px; max-width: 1400px; margin: auto; height: 80px; /* Tetapkan height tetap / box-sizing: border-box; overflow: hidden; / Elak elemen overflow */ }

.navbar-logo { display: flex; align-items: center; gap: 10px; height: 100%; /* Ikut height parent */ }

.navbar-logo img { max-height: 100%; /* Kekalkan dalam height navbar */ object-fit: contain; transition: max-height 0.3s ease; }

.navbar-logo span { font-size: 1.5em; color: #007BFF; font-weight: bold; }

.navbar-links { list-style: none; display: flex; gap: 30px; margin: 0; padding: 0; }

.navbar-links li a { text-decoration: none; color: #333; font-size: 1em; padding: 8px 12px; transition: color 0.3s, background 0.3s; }

.navbar-links li a:hover { color: #007BFF; background-color: #f0f8ff; border-radius: 5px; }

.navbar-user { display: flex; gap: 15px; align-items: center; }

.navbar-user span { font-weight: bold; color: #007BFF; }

.navbar-user .btn { padding: 6px 14px; background: linear-gradient(90deg, #43cea2 0%, #185a9d 100%); color: white; text-decoration: none; border-radius: 6px; transition: background 0.3s, transform 0.2s; font-weight: bold; border: none; }

.navbar-user .btn:hover { background: linear-gradient(90deg, #185a9d 0%, #43cea2 100%); transform: translateY(-2px) scale(1.03); }

<% String username = (String) session.getAttribute("username"); %>
<body>

    <!-- ◆ Navbar -->
<nav class="navbar">
    <div class="navbar-container">
        <div class="navbar-logo">
```

CSC508: ENTERPRISE PROGRAMMING

MEDIAID REPORT

```

<span>MediAid</span>
</div>
<ul class="navbar-links">
    <li><a href="Dashboard.jsp">Public</a></li>
    <li><a href="corporate.jsp">Corporate</a></li>
</ul>
<div class="navbar-user">
    <a href="login.jsp" class="btn">Login</a>
    <a href="register.jsp" class="btn">Register</a>
</div>
</div>
</nav>

<!-- 📺 Slider Section (KPJ-style) -->
<div class="campaign-slider">
    <div class="slider-track" id="sliderTrack">
        <!-- Slide 1 -->
        <div class="slide">
            
            <div class="caption">
                <h2>Support Cancer Patients</h2>
                <p>Your donation helps cover chemotherapy and medication.</p>
                <a href="login.jsp" class="donate-btn">Donate Now</a>
            </div>
        </div>
        <!-- Slide 2 -->
        <div class="slide">
            
            <div class="caption">
                <h2>Dialysis Aid Needed</h2>
                <p>Provide free dialysis for kidney patients in need.</p>
                <a href="login.jsp" class="donate-btn">Donate Now</a>
            </div>
        </div>
        <!-- Slide 3 -->
        <div class="slide">
            
            <div class="caption">
                <h2>Equip Our Hospitals</h2>
                <p>Help fund essential equipment like oxygen tanks and wheelchairs.</p>
                <a href="login.jsp" class="donate-btn">Donate Now</a>
            </div>
        </div>
    </div>
</div>
```

CSC508: ENTERPRISE PROGRAMMING

MEDIAID REPORT

```
<!-- ◀ Left & Right ▶ buttons -->
<button class="slider-btn prev" onclick="moveSlide(-1)">◀</button>
<button class="slider-btn next" onclick="moveSlide(1)">▶</button>
</div> <!-- ✅ only ONE closing </div> for campaign-slider -->

<div class="hero">
  <div class="hero-content">
    <h1>Welcome to MediAid</h1>
    <p>At MediAid, we believe that access to healthcare is a fundamental right, and we are here to help make it a reality for those in need. Whether it's funding life-saving treatments, providing essential medical equipment, or supporting long-term care, we connect compassionate donors with urgent medical causes.</p>
    <p>As a dedicated medical aid donation platform, MediAid is committed to transparency, accountability, and real impact ensuring that every contribution directly helps save and improve lives.</p>
    <p>MediAid - Giving Hope, Healing Lives.</p>
  </div>
</div>

<h2 class="section-title">🌐 Global & Malaysian Health Updates</h2>

<section class="info-cards">
  <div class="card">
    
    <h3>Malaysia's Healthcare Budget</h3>
    <p>RM36 billion allocated to public health in 2023. Focus: digital healthcare & mental health services expansion.</p>
  </div>

  <div class="card">
    
    <h3>Top Global Health Challenges</h3>
    <p>Cardiovascular diseases, mental health, and pandemic preparedness remain key priorities worldwide.</p>
  </div>

  <div class="card">
    
    <h3>Vaccination Success in Malaysia</h3>
    <p>Malaysia has over 85% COVID-19 vaccine coverage. Boosters and child immunization campaigns ongoing.</p>
  </div>

  <div class="card">
```

CSC508: ENTERPRISE PROGRAMMING

MEDIAID REPORT

```

<h3>Mental Health Support</h3>
<p>1 in 3 Malaysians report anxiety or depression. Government and NGOs
scaling up mental wellness programs.</p>
</div>
</section>

<div class="infographic">
<h2>📊 Healthcare Infographic</h2>

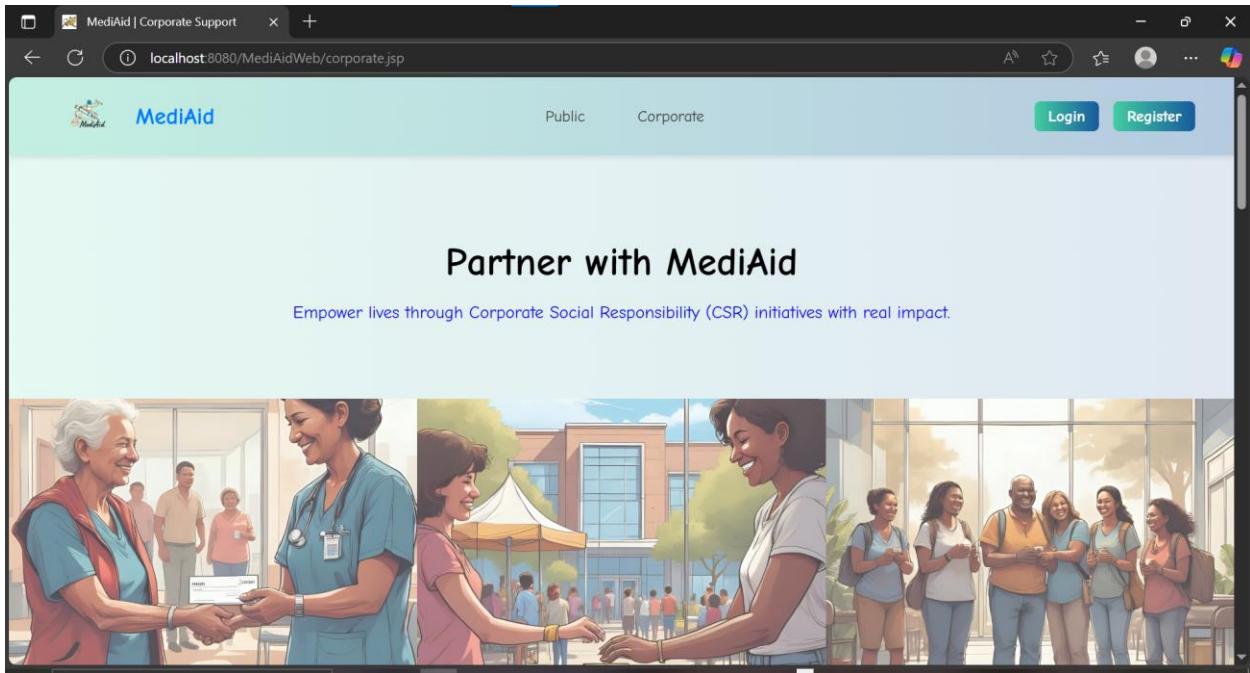
<p>Understanding the key statistics and trends in healthcare globally and
in Malaysia.</p>
</div>

<footer>
  © 2025 MediAid. Developed for CSC584. Health data sourced from
  Ministry of Health Malaysia, WHO, and UNICEF.
</footer>

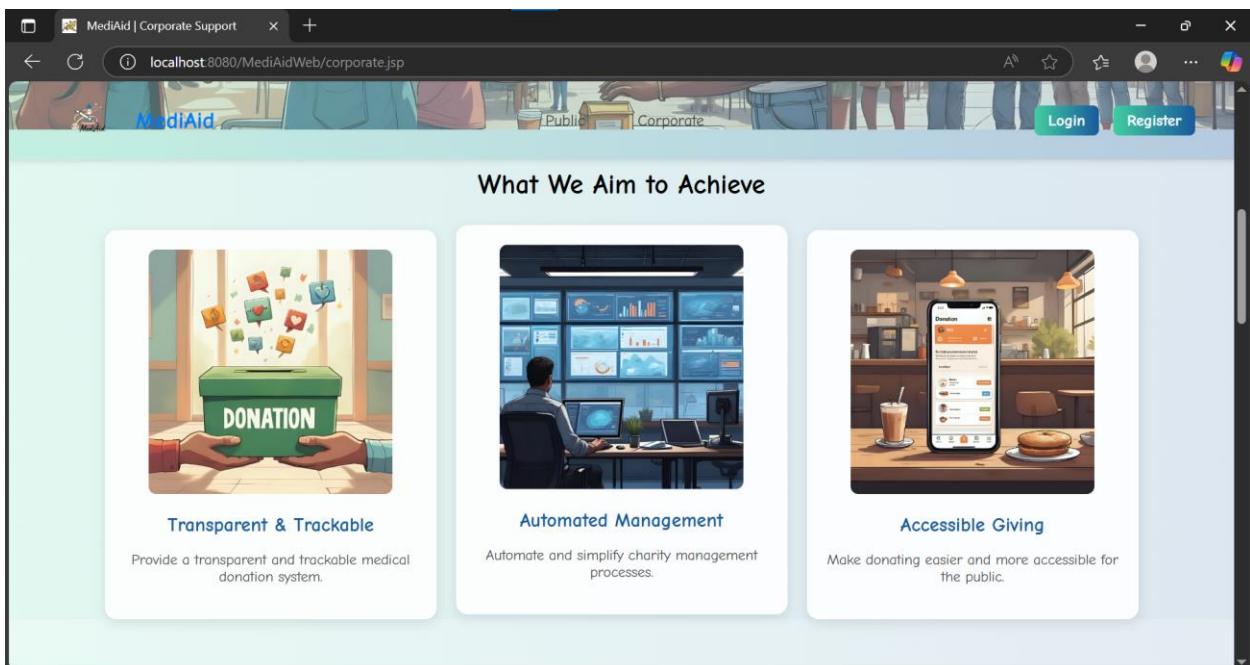
<script>
  let index = 0;
  function moveSlide(direction) {
    const track = document.getElementById("sliderTrack");
    const slides = track.children.length;
    index += direction;
    if (index < 0) index = slides - 1;
    if (index >= slides) index = 0;
    track.style.transform = "translateX(-" + (index * 100) + "vw)";
  }
</script>
```

5.4 Dashboard Corporate

5.4.1 About Us



5.4.2 Our Objectives



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5.4.3 Infographic about MediAid Company

The screenshot shows a web browser window for 'MediAid | Corporate Support' at 'localhost:8080/MediAidWeb/corporate.jsp'. The page features a large, colorful illustration of various electronic devices (laptop, smartphone, tablet) connected by lines, representing a network or collaboration. The word 'Corporate' is written above the devices. Below the illustration, a text box states: 'Over 70 companies have collaborated with MediAid to fund medical support for critical cases nationwide.' At the bottom of the page, the heading 'Corporate Social Responsibility' is displayed in a large, bold font.

5.4.4 Contact Us

The screenshot shows the same web browser window for 'MediAid | Corporate Support' at 'localhost:8080/MediAidWeb/corporate.jsp'. This time, the focus is on the 'Contact Us' section. It includes a 'Contact Us' box with address, phone number, email, and operating hours, and a 'Send Us a Message' box with input fields for name, email, message, and a 'Submit' button.

Source Code Coorporate.jsp:

```
<%@ page language="java" contentType="text/html; charset=UTF-8"  
pageEncoding="UTF-8"%>
```

CSC508: ENTERPRISE PROGRAMMING

MEDIAID REPORT

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="UTF-8">
    <title>MediAid | Corporate Support</title>
    <link href="https://fonts.googleapis.com/css2?family=Comic+Neue:wght@300;400;700&display=swap" rel="stylesheet">
        <link rel="stylesheet" href="style.css">
    <style>

body { font-family: 'Comic Neue', cursive; margin: 0; padding: 0; background: linear-gradient(90deg, rgba(67, 206, 162, 0.15), rgba(24, 90, 157, 0.15)); color: black; }/* ✅ Tukar sini */

@keyframes fadeIn {
    from { opacity: 0; }
    to { opacity: 1; }
}

/* 🔵 Navbar Styles */

.navbar { position: sticky; top: 0; width: 100%; background: linear-gradient(90deg, rgba(67, 206, 162, 0.2), rgba(24, 90, 157, 0.2)); box-shadow: 0 2px 6px rgba(0,0,0,0.1); z-index: 1000; font-family: 'Comic Neue', cursive; }

.navbar-container { display: flex; justify-content: space-between; align-items: center; padding: 0 40px; max-width: 1400px; margin: auto; height: 80px; /* Tetapkan height tetap / box-sizing: border-box; overflow: hidden; / Elak elemen overflow */ }

.navbar-logo { display: flex; align-items: center; gap: 10px; height: 100%; /* Ikut height parent */ }

.navbar-logo img { max-height: 100%; /* Kekalkan dalam height navbar */ object-fit: contain; transition: max-height 0.3s ease; }

.navbar-logo span { font-size: 1.5em; color: #007BFF; font-weight: bold; }

.navbar-links { list-style: none; display: flex; gap: 30px; margin: 0; padding: 0; }

.navbar-links li a { text-decoration: none; color: #333; font-size: 1em; padding: 8px 12px; transition: color 0.3s, background 0.3s; }
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
.navbar-links li a:hover { color: #007BFF; background-color: #f0f8ff; border-radius: 5px; }

.navbar-user { display: flex; gap: 15px; align-items: center; }

.navbar-user span { font-weight: bold; color: #007BFF; }

.navbar-user .btn { padding: 6px 14px; background: linear-gradient(90deg, #43cea2 0%, #185a9d 100%); color: white; text-decoration: none; border-radius: 6px; transition: background 0.3s, transform 0.2s; font-weight: bold; border: none; }

.navbar-user .btn:hover { background: linear-gradient(90deg, #185a9d 0%, #43cea2 100%); transform: translateY(-2px) scale(1.03); }

/* Hero Section */
.hero {
    text-align: center;
    padding: 60px 20px;
    background-color: rgba(255, 255, 255, 0.1);
}

.hero h1 {
    font-size: 40px;
    margin-bottom: 10px;
    color: black;
}

.hero p {
    font-size: 18px;
    color: blue;
}

/* Slider */
.slider {
    display: flex;
    overflow-x: auto;
    scroll-snap-type: x mandatory;
}

.slider img {
    width: 100%;
    max-height: 300px;
    object-fit: cover;
    scroll-snap-align: start;
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
}

/* Info Cards */
.info-cards {

display: flex; flex-wrap: wrap; /* Buat dia responsive kalau skrin kecil /
justify-content: center; / Centerkan semua kad / gap: 20px; / Jarak antara
kad */ margin-top: 30px; }

.card {

width: 300px; /* Lebar tetap yang kecil */ background: rgba(255, 255, 255,
0.9); padding: 20px; border-radius: 12px; box-shadow: 0 4px 12px rgba(0, 0,
0, 0.1); transition: transform 0.3s ease; text-align: center; }

.card:hover {
transform: translateY(-5px);
}

.card img {

width: 250px; /* atau apa-apa saiz yang sesuai */ height: auto; border-
radius: 8px; margin-bottom: 10px; display: block; margin-left: auto; margin-
right: auto; }

.card h3 {
color: #185a9d;
font-size: 20px;
margin-bottom: 10px;
}

.card p {
color: #444;
font-size: 15px;
}

/* Infographic Section */
.infographic {
background-color: rgba(255,255,255,0.2);
padding: 40px 20px;
text-align: center;
}
```

```
.infographic h2 {  
    font-size: 26px;  
    color: black;  
}  
  
.infographic img {  
    max-width: 90%;  
    height: auto;  
    margin: 20px 0;  
    border-radius: 10px;  
}  
  
.infographic p {  
    font-size: 16px;  
    color: black;  
}  
  
.section-title {  
text-align: center;  
font-size: 28px;  
margin-top: 40px;  
color: black; /* Optional: change text color if needed */  
}  
  
.main-section { padding: 50px 20px; text-align: center; background-color:  
rgba(255, 255, 255, 0.85); }  
  
.main-section h1 {  
    font-size: 2.5em;  
    margin-bottom: 20px;  
}  
  
.main-section p {  
    max-width: 800px;  
    margin: 0 auto 40px;  
    font-size: 1.1em;  
    line-height: 1.6;  
}  
  
.contact-kpj {
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
background-color: #f0f7fc; padding: 60px 20px; }

.contact-container { max-width: 1100px; margin: auto; display: flex; flex-wrap: wrap; gap: 40px; justify-content: center; }

.contact-info, .contact-form { flex: 1 1 400px; background: white; padding: 30px; border-radius: 16px; box-shadow: 0 6px 20px rgba(0, 0, 0, 0.08); }

.contact-info h2, .contact-form h2 { color: #007BFF; margin-bottom: 20px; }

.contact-info p { font-size: 1em; margin: 15px 0; display: flex; align-items: center; }

.contact-info .icon { width: 22px; margin-right: 12px; opacity: 0.8; }

.contact-form input, .contact-form textarea { width: 100%; padding: 12px; margin-bottom: 15px; border: 1px solid #ccc; border-radius: 8px; font-family: inherit; }

.contact-form button { display: inline-block; margin-top: 10px; padding: 10px 20px; background: linear-gradient(90deg, #43cea2 0%, #185a9d 100%); color: white; text-decoration: none; border-radius: 8px; transition: background 0.3s ease, transform 0.3s ease; font-weight: bold; border: none; }

.contact-form button:hover { background: linear-gradient(90deg, #185a9d 0%, #43cea2 100%); transform: scale(1.05); }

/* Footer */
footer {
    text-align: center;
    padding: 20px;
    font-size: 0.9em;
    background: linear-gradient(90deg, rgba(67, 206, 162, 0.2), rgba(24, 90, 157, 0.2));
    color: #333;
}
</style>
<% String username = (String) session.getAttribute("username"); %>
<body>

<!-- ♦ Navbar -->
<nav class="navbar">
    <div class="navbar-container">
        <div class="navbar-logo">
            
            <span>MediAid</span>
        </div>
```

CSC508: ENTERPRISE PROGRAMMING

MEDIAID REPORT

```
<ul class="navbar-links">
    <li><a href="Dashboard.jsp">Public</a></li>
    <li><a href="corporate.jsp">Corporate</a></li>
</ul>
<div class="navbar-user">
    <a href="login.jsp" class="btn">Login</a>
    <a href="register.jsp" class="btn">Register</a>
</div>
</div>
</nav>

<!-- Hero Section -->
<header class="hero">
    <h1>Partner with MediAid</h1>
    <p>Empower lives through Corporate Social Responsibility (CSR) initiatives with real impact.</p>
</header>

<!-- Image Slider -->
<section class="slider">
    
    
    
</section>

<h2 class="section-title">What We Aim to Achieve</h2>
<!-- Info Cards Section -->
<section class="info-cards">
    <div class="card">
        
        <h3>Transparent & Trackable</h3>
        <p>Provide a transparent and trackable medical donation system.</p>
    </div>

    <div class="card">
        
        <h3>Automated Management</h3>
        <p>Automate and simplify charity management processes.</p>
    </div>

    <div class="card">
        
        <h3>Accessible Giving</h3>
        <p>Make donating easier and more accessible for the public.</p>
    </div>
</section>
```

CSC508: ENTERPRISE PROGRAMMING

MEDIAID REPORT

```
</section>

<!-- Infographic Section --&gt;
&lt;div class="infographic"&gt;
    &lt;h2&gt;Corporate Partners' Contributions&lt;/h2&gt;
    &lt;img src="images/16.png" alt="Corporate Impact Statistics"&gt;
    &lt;p&gt;Over 70 companies have collaborated with MediAid to fund medical support for critical cases nationwide.&lt;/p&gt;
&lt;/div&gt;

&lt;section class="main-section"&gt;
    &lt;h1&gt;Corporate Social Responsibility&lt;/h1&gt;
    &lt;p&gt;
        MediAid is proud to work with healthcare partners, donors, and corporations in ensuring critical aid reaches those in need. We believe in transparency, collaboration, and impact-driven efforts to improve health outcomes.
    &lt;/p&gt;
&lt;/section&gt;

&lt;section class="contact-kpj"&gt;
    &lt;div class="contact-container"&gt;
        &lt;!-- Left Column: Info --&gt;
        &lt;div class="contact-info"&gt;
            &lt;h2&gt;Contact Us&lt;/h2&gt;
            &lt;p&gt;📍 MediAid HQ, Jalan Kesihatan 10, Shah Alam, Selangor&lt;/p&gt;
            &lt;p&gt;☎ +603-1234 5678&lt;/p&gt;
            &lt;p&gt;✉ info@mediaid.org&lt;/p&gt;
            &lt;p&gt;🕒 Mon - Fri, 9:00 AM - 6:00 PM&lt;/p&gt;
        &lt;/div&gt;

        &lt;!-- Right Column: Form --&gt;
        &lt;div class="contact-form"&gt;
            &lt;h2&gt;Send Us a Message&lt;/h2&gt;
            &lt;form action="#"&gt;
                &lt;input type="text" name="name" placeholder="Your Name" required&gt;
                &lt;input type="email" name="email" placeholder="Your Email" required&gt;
                &lt;textarea name="message" placeholder="Your Message" rows="5" required&gt;&lt;/textarea&gt;
                &lt;button type="submit"&gt;Submit&lt;/button&gt;
            &lt;/form&gt;
        &lt;/div&gt;
    &lt;/div&gt;
&lt;/section&gt;</pre>
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
</section>
```

```
<!-- Footer -->
<footer>
    <p>&copy; 2025 MediAid. All rights reserved. Empowering health through
meaningful giving.</p>
</footer>
```

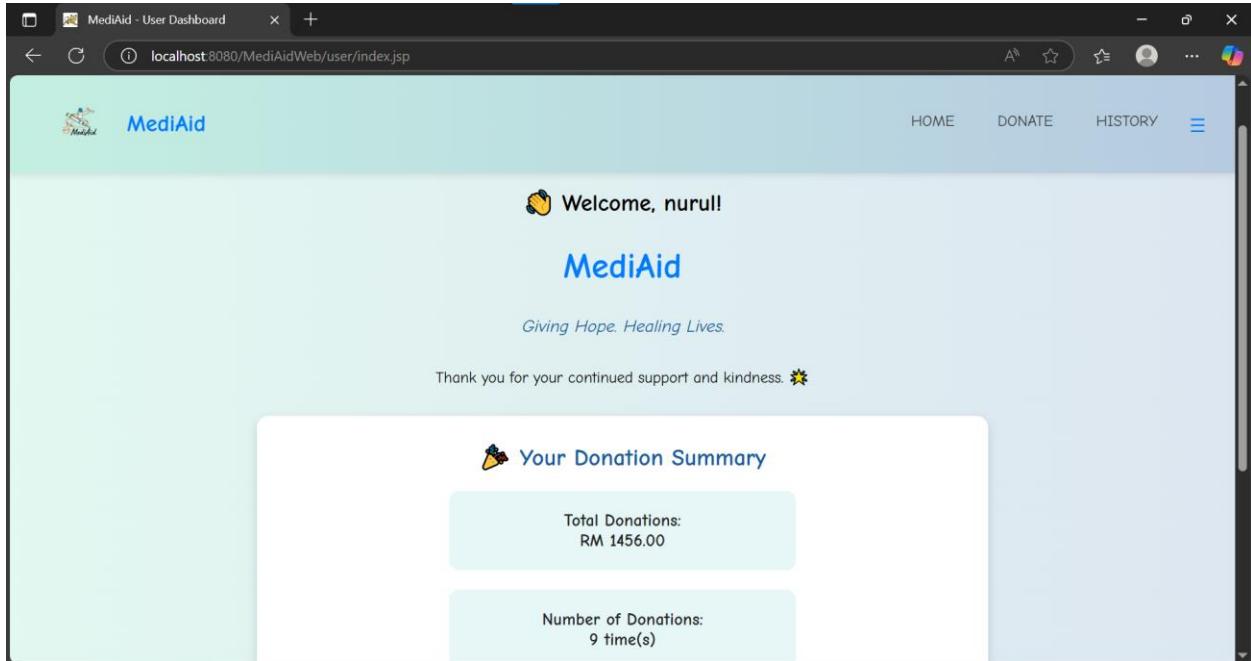
```
</body>
</html>
```

CSC508: ENTERPRISE PROGRAMMING

MEDIAID REPORT

5.5 Donor Page

5.5.1 Dashboard Donor



Source Code index.jsp:

```
<%@ page import="java.sql.*" %>
<%@ page session="true" contentType="text/html" pageEncoding="UTF-8" %>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>MediAid - User Dashboard</title>
    <link rel="stylesheet" href="style.css" />
    <link
        href="https://fonts.googleapis.com/css2?family=Comic+Neue:wght@300;400;700&display=swap" rel="stylesheet" />

    <style>

body { font-family: 'Comic Neue', cursive; margin: 0; padding: 0; background: linear-gradient(90deg, rgba(67, 206, 162, 0.15), rgba(24, 90, 157, 0.15)); color: black; overflow-x: hidden; }

/* ===== NAVBAR ===== */
nav { position: sticky; top: 0; width: 100%; background: linear-gradient(90deg, rgba(67, 206, 162, 0.2), rgba(24, 90, 157, 0.2)); box-shadow: 0 2px 6px rgba(0,0,0,0.1); }
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
padding: 10px 30px; display: flex; align-items: center; justify-content: space-between; z-index: 999; box-sizing: border-box; }

.navbar-logo { display: flex; align-items: center; gap: 10px; }

.logo { height: 80px; max-width: 100%; }

.navbar-logo span { font-size: 1.5em; color: #007BFF; font-weight: bold; line-height: 1; }

.nav-links ul { list-style: none; display: flex; gap: 20px; margin: 0; padding: 0; flex-wrap: wrap; }

.nav-links ul li { position: relative; }

.nav-links ul li a { text-decoration: none; color: #333; font-size: 1em; padding: 8px 12px; white-space: nowrap; transition: color 0.3s, background 0.3s; }

.nav-links ul li a:hover, .nav-links ul li a.active { color: #007BFF; background-color: #f0f8ff; border-radius: 5px; font-weight: bold; }

/* ===== DROPODOWN USER MENU ===== */ .menu-toggle { font-size: 1.2em; cursor: pointer; color: #007BFF; }

.dropdown { display: none; position: absolute; top: 40px; right: 0; background-color: white; border-radius: 8px; box-shadow: 0 4px 10px rgba(0, 0, 0, 0.15); padding: 15px; z-index: 9999; min-width: 200px; font-size: 0.95em; text-align: left; }

.dropdown p { margin: 5px 0; color: #333; }

.menu-toggle:hover .dropdown, .menu-toggle.active .dropdown { display: block; }

.logout-btn { padding: 8px 10px; background: #ff4d4d; color: white; border: none; border-radius: 20px; cursor: pointer; font-weight: bold; transition: background 0.3s; width: 50%; text-align: center; display: block; text-decoration: none; }

.logout-btn:hover { background: #cc0000; }

/* ===== CONTENT ===== */ .header { text-align: center; padding: 50px 20px; animation: fadeIn 1s ease; }

.title { font-size: 36px; color: #007BFF; }

.subtitle { font-size: 18px; color: #185a9d; margin-bottom: 30px; }
```

CSC508: ENTERPRISE PROGRAMMING

MEDIAID REPORT

```
.card { background-color: #ffffff; padding: 25px; border-radius: 12px; box-shadow: 0 4px 10px rgba(0, 0, 0, 0.15); max-width: 700px; width: 90%; text-align: left; margin: 30px auto; }

.card h2 { margin-top: 0; text-align: center; color: #185a9d; }

.summary { display: flex; justify-content: space-around; margin-top: 20px; flex-wrap: wrap; gap: 20px; }

.summary-box { background-color: #e6f7f7; padding: 20px; border-radius: 10px; text-align: center; width: 45%; font-size: 1.1em; color: #222; font-weight: bold; }

.btn-group { margin-top: 30px; text-align: center; }

.btn-group a { display: inline-block; margin: 10px; padding: 12px 24px; background: linear-gradient(90deg, #43cea2 0%, #185a9d 100%); color: white; text-decoration: none; border-radius: 30px; transition: background 0.3s, transform 0.2s; font-weight: bold; }

.btn-group a:hover { background: linear-gradient(90deg, #185a9d 0%, #43cea2 100%); transform: scale(1.05); }

footer { text-align: center; padding: 20px; background-color: #f2f2f2; margin-top: 40px; font-size: 0.9em; }

/* ===== RESPONSIVE ===== */ @media screen and (max-width: 768px) { .summary-box { width: 100%; } }

nav { flex-direction: column; align-items: flex-start; padding: 10px 20px; }

.nav-links ul { flex-direction: column; gap: 10px; width: 100%; }

.btn-group a { width: 100%; }

.logo { height: 40px; }

.navbar-logo span { font-size: 1.2em; } }

/* ===== ANIMATION ===== */ @keyframes fadeIn { from { opacity: 0; } to { opacity: 1; } }

<body>

<%
    String username = (String) session.getAttribute("username");
    if (username == null) {
```

CSC508: ENTERPRISE PROGRAMMING MEDIAD REPORT

```
        response.sendRedirect("../login.jsp");
        return;
    }

double totalAmount = 0;
int donationCount = 0;

try {
    Class.forName("org.apache.derby.jdbc.ClientDriver");
    Connection con = DriverManager.getConnection(
        "jdbc:derby://localhost:1527/MediAidDB", "app", "app");
    String sql = "SELECT amount FROM donation WHERE username = ?";
    PreparedStatement ps = con.prepareStatement(sql);
    ps.setString(1, username);
    ResultSet rs = ps.executeQuery();

    while (rs.next()) {
        totalAmount += rs.getDouble("amount");
        donationCount++;
    }

    rs.close();
    ps.close();
    con.close();
} catch (Exception e) {
    out.println("Error: " + e.getMessage());
}
%>

<nav>
    <div class="navbar-logo">
        
        <span>MediAid</span>
    </div>
    <div class="nav-links">
        <ul>
            <li><a href="index.jsp">HOME</a></li>
            <li><a href="donate.jsp">DONATE</a></li>
            <li><a href="history.jsp">HISTORY</a></li>
            <li class="menu-toggle">#9776;
                <div class="dropdown">
                    <p><strong><%= session.getAttribute("fullname") %></strong></p>
                    <p><%= session.getAttribute("email") %></p>
                    <a href="../Dashboard.jsp" class="logout-btn">Logout</a>
                </div>
            </li>
        </ul>
    </div>
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
</div>
</nav>

<section class="header">
    <h1>👋 Welcome, <%= username %>!</h1>
    <h2 class="title">MediAid</h2>
    <div class="subtitle"><i>Giving Hope. Healing Lives.</i></div>
    <p style="margin-top: 10px;">Thank you for your continued support and
kindness. 🌟</p>

    <div class="card">
        <h2>💸 Your Donation Summary</h2>
        <div class="summary">
            <div class="summary-box">
                <strong>Total Donations:</strong><br />
                RM <%= String.format("%.2f", totalAmount) %>
            </div>
            <div class="summary-box">
                <strong>Number of Donations:</strong><br />
                <%= donationCount %> time(s)
            </div>
        </div>
    </div>

    <div class="btn-group">
        <a href="donate.jsp">❤️ Make a New Donation</a>
        <a href="history.jsp">📋 View Donation History</a>
    </div>
</div>
</section>

<footer>
    &copy; 2025 MediAid. All rights reserved. | <a href="#">Contact Us</a>
</footer>

<script>
    function toggleMenu() {
        console.log("Toggled!");
        var nav = document.getElementById("navLinks");
        nav.classList.toggle("show");
    }
</script>

</body>
</html>
```

Source code User.java:

```
package model;

public class User {
    private String username;
    private String password;

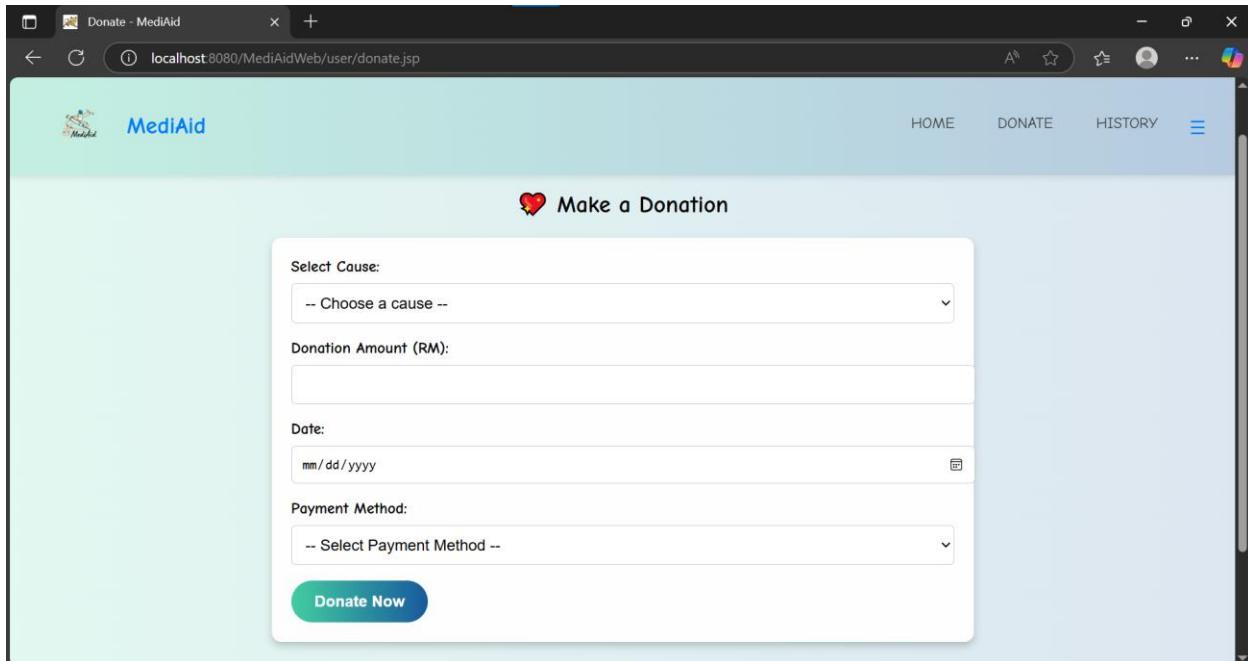
    public User() {}

    public User(String username, String password) {
        this.username = username;
        this.password = password;
    }

    public String getUsername() { return username; }
    public void setUsername(String username) { this.username = username; }

    public String getPassword() { return password; }
    public void setPassword(String password) { this.password = password; }
}
```

5.5.2 Donation Page



Source Code Donate.jsp:

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Donate - MediAid</title>
    <link rel="stylesheet" href="style.css">
    <link
        href="https://fonts.googleapis.com/css2?family=Comic+Neue:wght@300;400;700&dis
        play=swap" rel="stylesheet" />
    <style>

body { font-family: 'Comic Neue', cursive; margin: 0; padding: 0; background:
linear-gradient(90deg, rgba(67, 206, 162, 0.15), rgba(24, 90, 157, 0.15));
color: black; overflow-x: hidden; } /* ===== NAVBAR ===== */
nav { position: sticky; top: 0; width: 100%; background: linear-gradient(90deg, rgba(67, 206, 162, 0.2), rgba(24, 90, 157, 0.2)); box-shadow: 0 2px 6px rgba(0,0,0,0.1); padding: 10px 30px; display: flex; align-items: center; justify-content: space-between; z-index: 999; box-sizing: border-box; }

.navbar-logo { display: flex; align-items: center; gap: 10px; }

.logo { height: 80px; max-width: 100%; }

.navbar-logo span { font-size: 1.5em; color: #007BFF; font-weight: bold; line-height: 1; }

.nav-links ul { list-style: none; display: flex; gap: 20px; margin: 0; padding: 0; flex-wrap: wrap; }

.nav-links ul li { position: relative; }

.nav-links ul li a { text-decoration: none; color: #333; font-size: 1em; padding: 8px 12px; white-space: nowrap; transition: color 0.3s, background 0.3s; }

.nav-links ul li a:hover, .nav-links ul li a.active { color: #007BFF; background-color: #f0f8ff; border-radius: 5px; font-weight: bold; }

/* ===== DROPODOWN USER MENU ===== */
.menu-toggle { font-size: 1.2em; cursor: pointer; color: #007BFF; }

.dropdown { display: none; position: absolute; top: 40px; right: 0; background-color: white; border-radius: 8px; box-shadow: 0 4px 10px rgba(0,
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
0, 0, 0.15); padding: 15px; z-index: 9999; min-width: 200px; font-size: 0.95em; text-align: left; }

.dropdown p { margin: 5px 0; color: #333; }

.menu-toggle:hover .dropdown, .menu-toggle.active .dropdown { display: block; }

.logout-btn { padding: 8px 10px; background: #ff4d4d; color: white; border: none; border-radius: 20px; cursor: pointer; font-weight: bold; transition: background 0.3s; width: 50%; text-align: center; display: block; text-decoration: none; }

.logout-btn:hover { background: #cc0000; }

.header {

display: flex; flex-direction: column; align-items: center; text-align: center; padding: 50px 20px; min-height: 100vh; box-sizing: border-box; }

.container {
display: flex;
flex-direction: column;
align-items: center;
gap: 30px;
width: 100%;
max-width: 850px;
}

.card {

background-color: rgba(255, 255, 255, 0.95); /* putih tapi translucent sikit */
padding: 20px; border-radius: 10px; box-shadow: 0 4px 8px rgba(0,0,0,0.2);
width: 80%; max-width: 800px; text-align: left; }

label {
font-weight: bold;
}

input, select {
width: 100%;
padding: 10px;
margin: 8px 0 16px;
border-radius: 5px;
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
border: 1px solid #ccc;
font-size: 1em;
}

button[type="submit"] {

background: linear-gradient(to right, #43cea2, #185a9d); color: white;
padding: 12px 24px; border: none; border-radius: 30px; cursor: pointer; font-
size: 1em; font-weight: bold; transition: background 0.3s ease; }

button[type="submit"]:hover {

filter: brightness(1.1); }

footer {
    text-align: center;
    padding: 20px;
    background-color: #f2f2f2;
    font-size: 0.9em;
    margin-top: 40px;
}

/* ===== RESPONSIVE ===== */
@media screen
and (max-width: 768px) { .summary-box { width: 100%; }

nav { flex-direction: column; align-items: flex-start; padding: 10px 20px; }

.nav-links ul { flex-direction: column; gap: 10px; width: 100%; }

.btn-group a { width: 100%; }

.logo { height: 40px; }

.navbar-logo span { font-size: 1.2em; } }

/* ===== ANIMATION ===== */
@keyframes fadeIn
{ from { opacity: 0; } to { opacity: 1; } }

<body>
<%
    String user = (String) session.getAttribute("username");
    if (user == null) {
        response.sendRedirect("../login.jsp");
    }
%>
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
        return;
    }
%>

<nav>
    <div class="navbar-logo">
        
        <span>MediAid</span>
    </div>
    <div class="nav-links">
        <ul>
            <li><a href="index.jsp">HOME</a></li>
            <li><a href="donate.jsp">DONATE</a></li>
            <li><a href="history.jsp">HISTORY</a></li>
            <li class="menu-toggle">&#9776;
                <div class="dropdown">
                    <p><strong><%= session.getAttribute("fullname") %></strong></p>
                    <p><%= session.getAttribute("email") %></p>
                    <a href="../lDashboard.jsp" class="logout-btn">Logout</a>
                </div>
            </li>
        </ul>
    </div>
</nav>

<section class="header">
    <h1>❤️ Make a Donation</h1>
    <div class="container">
        <div class="card">
            <form action="../DonationServlet" method="post">
                <label for="cause">Select Cause:</label>
                <select id="cause" name="cause" required>
                    <option value="">-- Choose a cause --</option>
                    <option value="medical_supplies">Medical Supplies</option>
                    <option value="emergency_fund">Emergency Fund</option>
                    <option value="patient_support">Patient Support</option>
                </select>

                <label for="amount">Donation Amount (RM):</label>
                <input type="number" id="amount" name="amount" min="1" required>

                <label for="date">Date:</label>
                <input type="date" id="date" name="date" required>

                <label for="payment">Payment Method:</label>
                <select id="payment" name="payment" required>
                    <option value="">-- Select Payment Method --</option>
```

CSC508: ENTERPRISE PROGRAMMING MEDIAD REPORT

```
<option value="Online Banking">Online Banking</option>
<option value="Credit Card">Credit Card</option>
<option value="e-Wallet">e-Wallet</option>
</select>

<button type="submit">Donate Now</button>
</form>
</div>
</div>
</section>

<footer>
    &copy; 2025 MediAid. All rights reserved. | <a href="#">Contact Us</a>
</footer>

<script>
    function toggleMenu() {
        console.log("Toggled!");
        var nav = document.getElementById("navLinks");
        nav.classList.toggle("show");
    }
</script>

</body>
</html>
```

Source code DonationServlet.java:

```
package controller;

import model.Donation; import java.io.IOException; import java.sql.*; import
javax.servlet.*; import javax.servlet.annotation.WebServlet; import
javax.servlet.http.*;

public class DonationServlet extends HttpServlet { protected void
doPost(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {

    HttpSession session = request.getSession(false);
    String username = (session != null) ? (String) session.getAttribute("username") :
null;

    if (username == null) {
        response.sendRedirect("../login.jsp");
        return;
    }

    Donation donation = new Donation();
    donation.setAmount(Double.parseDouble(request.getParameter("amount")));
    donation.setCategory(request.getParameter("category"));
    donation.setDonorName(username);
    donation.setDonorEmail(request.getParameter("email"));

    int rowsAffected = donation.insert();
    if (rowsAffected > 0) {
        response.sendRedirect("../thankyou.jsp");
    } else {
        response.sendRedirect("../error.jsp");
    }
}
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
}

String cause = request.getParameter("cause");
String amountStr = request.getParameter("amount");
String date = request.getParameter("date");
String payment = request.getParameter("payment");

try {
    double amount = Double.parseDouble(amountStr);

    Donation donation = new Donation();
    donation.setUsername(username);
    donation.setCause(cause);
    donation.setAmount(amount);
    donation.setDate(date);
    donation.setPaymentMethod(payment);

    Class.forName("org.apache.derby.jdbc.ClientDriver");
    Connection con = DriverManager.getConnection(
        "jdbc:derby://localhost:1527/MediAidDB", "app", "app");

    String sql = "INSERT INTO donation (username, donation_date, cause, amount,
payment_method) VALUES (?, ?, ?, ?, ?)";
    PreparedStatement ps = con.prepareStatement(sql);
    ps.setString(1, donation.getUsername());
    ps.setDate(2, java.sql.Date.valueOf(donation.getDate()));
    ps.setString(3, donation.getCause());
    ps.setDouble(4, donation.getAmount());
    ps.setString(5, donation.getPaymentMethod());

    ps.executeUpdate();
    ps.close();
    con.close();

    response.sendRedirect("user/history.jsp?success=1");

} catch (Exception e) {
    e.printStackTrace();
    response.getWriter().println("Error: " + e.getMessage());
}
}
```

}

Source code Donation.java:

```
package model;

import java.io.Serializable;

public class Donation implements Serializable {
    private String username;
    private String cause;
    private double amount;
    private String date;
    private String paymentMethod;

    public String getUsername() { return username; }
    public void setUsername(String username) { this.username = username; }

    public String getCause() { return cause; }
    public void setCause(String cause) { this.cause = cause; }

    public double getAmount() { return amount; }
    public void setAmount(double amount) { this.amount = amount; }

    public String getDate() { return date; }
    public void setDate(String date) { this.date = date; }

    public String getPaymentMethod() { return paymentMethod; }
    public void setPaymentMethod(String paymentMethod) { this.paymentMethod =
paymentMethod; }
}
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

5.5.3 Donation History

The screenshot shows a web browser window titled "Donation History - MediAid". The URL is "localhost:8080/MediAidWeb/user/history.jsp". The page has a header with the MediAid logo, navigation links for HOME, DONATE, and HISTORY, and a three-dot menu. The main content area is titled "Your Donation History". It displays a summary box with "Total Donations: RM 1456.00" and "Number of Donations: 9 time(s)". Below this is a table of donation history:

No.	Date	Cause	Amount (RM)	Payment Method
1	2025-07-17	medical_supplies	150.0	Online Banking
2	2025-07-17	medical_supplies	150.0	Credit Card
3	2025-07-25	emergency_fund	250.0	e-Wallet
4	2025-07-25	emergency_fund	250.0	e-Wallet
5	2025-08-08	medical_supplies	50	Credit Card

Source Code History.jsp:

```
<body>

<%
String username = (String) session.getAttribute("username");
if (username == null) {
    response.sendRedirect("../login.jsp");
    return;
}

List<Donation> list = new ArrayList<Donation>();

try {
    Class.forName("org.apache.derby.jdbc.ClientDriver");
    Connection con = DriverManager.getConnection(
        "jdbc:derby://localhost:1527/MediAidDB", "app", "app");

    String sql = "SELECT * FROM donation WHERE username = ?";
    PreparedStatement ps = con.prepareStatement(sql);
    ps.setString(1, username);
    ResultSet rs = ps.executeQuery();

    while (rs.next()) {
        Donation d = new Donation();
        d.setUsername(rs.getString("username"));
        d.setCause(rs.getString("cause"));

        list.add(d);
    }
}
%>
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
d.setAmount(rs.getDouble("amount"));
d.setDate(rs.getDate("donation_date").toString());
d.setPaymentMethod(rs.getString("payment_method"));
list.add(d);
}

rs.close();
ps.close();
con.close();

} catch (Exception e) {
    out.println("Error: " + e.getMessage());
}

double totalAmount = 0;
int donationCount = list.size();
for (Donation d : list) {
    totalAmount += d.getAmount();
}
%>

<nav>
    <div class="navbar-logo">
        
        <span>MediAid</span>
    </div>
    <div class="nav-links">
        <ul>
            <li><a href="index.jsp">HOME</a></li>
            <li><a href="donate.jsp">DONATE</a></li>
            <li><a href="history.jsp">HISTORY</a></li>
            <li class="menu-toggle">=☰
                <div class="dropdown">
                    <p><strong><%= session.getAttribute("fullname") %></strong></p>
                    <p><%= session.getAttribute("email") %></p>
                    <a href="../Dashboard.jsp" class="logout-btn">Logout</a>
                </div>
            </li>
        </ul>
    </div>
</nav>

    <section class="header">
<%
String success = request.getParameter("success");
if ("1".equals(success)) {
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
%>
<div class="success-message">
    Thank you! Your donation was successfully recorded.
</div>
<%
    }
%>

<div class="center-container">
    <h1>Your Donation History</h1>

    <div style="background-color:#fff; ; padding:15px; border-radius:10px;
width:90%; max-width:800px; font-size:1.1em;">
        <p><strong>Total Donations:</strong> RM <%= String.format("%.2f",
totalAmount) %></p>
        <p><strong>Number of Donations:</strong> <%= donationCount %>
time(s)</p>
    </div>
    <br>

    <table class="history-table">
        <thead>
            <tr>
                <th>No.</th>
                <th>Date</th>
                <th>Cause</th>
                <th>Amount (RM)</th>
                <th>Payment Method</th>
            </tr>
        </thead>
        <tbody>
            <%
                int no = 1;
                for (Donation d : list) {
            %>
            <tr>
                <td><%= no++ %></td>
                <td><%= d.getDate() %></td>
                <td><%= d.getCause() %></td>
                <td><%= d.getAmount() %></td>
                <td><%= d.getPaymentMethod() %></td>
            </tr>
            <%
                }
                if (list.isEmpty()) {
            %>
```

CSC508: ENTERPRISE PROGRAMMING MEDIAD REPORT

```
<tr>
    <td colspan="5">No donation records found.</td>
</tr>
<%
}
%>
</tbody>
</table>
</div>
</section>

<footer>
    &copy; 2025 MediAid. All rights reserved. | <a href="#">Contact Us</a>
</footer>

<script>
    function toggleMenu() {
        var nav = document.getElementById("navLinks");
        nav.classList.toggle("show");
    }
</script>
</body>
</html>
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

5.6 Admin Page

5.6.1 Admin Dashboard

The screenshot shows a web browser window titled "Admin Dashboard" with the URL "localhost:8080/MediAidWebsite/AdminDashboard.jsp". The page has a header with a logo, "HOME", "LIST", "REPORT", "FEEDBACK", and a "LOGOUT" button. Below the header is a section titled "Charity Dashboard". It contains three main data points: "Total Charity" (3), "Total Donations" (RM 1706.00), and "Total Members" (3). Each data point is displayed in a green-bordered box.

Admin Dashboard.jsp

```
<%@page import="java.util.LinkedHashMap"%>
<%@page import="java.util.Map"%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@page import= "java.sql.* , admin.com.model.AdminDashboard" %>
<!DOCTYPE html>
<html>
<head>
    <meta charset="UTF-8"/>
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link href="https://fonts.googleapis.com" />
    <link href="https://fonts.gstatic.com" crossorigin />
    <link
        href="https://fonts.googleapis.com/css2?family=Comic+Neue:wght@300;400;700&disl
        play=swap" rel="stylesheet" />
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
<title>Admin Dashboard</title>

<style>

    body {
        font-family: 'Comic Neue', cursive;
        margin: 0;
        padding: 0;
        background: #e6f5f2;
        color: #333;
    }

    nav {
        position: sticky;
        top: 0;
        width: 100%;
        background: linear-gradient(90deg, rgba(67, 206, 162, 0.2), rgba(24, 90, 157, 0.2));
        box-shadow: 0 2px 6px rgba(0,0,0,0.1);
        padding: 10px 30px;
        display: flex;
        align-items: center;
        justify-content: space-between;
        z-index: 999;
        box-sizing: border-box;
    }

    .navbar-logo {
        display: flex;
        align-items: center;
        gap: 10px;
    }


```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
.logo {  
    height: 80px;  
    max-width: 50%;  
}  
  
.navbar-logo span {  
    font-size: 1.5em;  
    color: #007BFF;  
    font-weight: bold;  
    line-height: 1;  
}  
  
.nav-links ul {  
    list-style: none;  
    display: flex;  
    gap: 20px;  
    margin: 0;  
    padding: 0;  
    flex-wrap: wrap;  
}  
  
.nav-links ul li {  
    position: relative;  
}  
  
.nav-links ul li a {  
    text-decoration: none;  
    color: #333;
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
font-size: 1em;  
padding: 8px 12px;  
white-space: nowrap;  
transition: color 0.3s, background 0.3s;  
}
```

```
.nav-links ul li a:hover,  
.nav-links ul li a.active {  
color: #007BFF;  
background-color: #f0f8ff;  
border-radius: 5px;  
font-weight: bold;  
}
```

```
.logout-btn {  
background-color:#ff4d4d;  
color: white;  
border-radius: 8px;  
}  
.logout-btn:hover {  
background-color: #cc0000;  
}
```

```
.dashboard-container h1 {  
text-align: center;  
}
```

```
.dashboard-features {
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
        display: grid;
        grid-template-columns: repeat(auto-fit, minmax(280px, 1fr));
        gap: 20px;
        margin: 40px auto;
        max-width: 1000px;
    }

.feature-card {
    background-color: #f4f4f4;
    padding: 20px;
    border-radius: 10px;
    box-shadow: 0 4px 6px rgba(0,0,0,0.1);
    overflow: auto;
}

.feature-card h3 {
    margin-bottom: 10px;
}

.feature-card a{
    text-decoration: none;
    color: black;
}

.card {
    background-color: #ffffff;
    padding: 20px;
    border-radius: 12px;
    margin: 20px 0;
    box-shadow: 0 4px 10px rgba(0,0,0,0.1);
    text-align: center;
}

.card h2 {
    color: #1d7874;
}
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
}

.feature-card a {

    display: inline-block;
    text-decoration: none;
    color: white;
    background-color: #29a19c;
    padding: 10px 20px;
    margin: 10px 0;
    border-radius: 6px;
    transition: background-color 0.3s;

}

.feature-card a:hover {

    background-color: #167c76;
}

.info-section {

    background-color: #c7ede7;
    padding: 30px;
    margin-top: 40px;
    border-radius: 12px;
}

</style>

</head>

<body>

<section class="header">

    <nav>
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
  
  
<div class="nav-links">  
  
    <ul>  
  
        <li><a href="AdminDashboard.jsp">HOME</a></li>  
  
        <li><a href="ManageCharityRequest.jsp">LIST</a></li>  
  
        <li><a href="ViewReports.jsp">REPORT</a></li>  
  
        <li><a href="ViewFeedback.jsp">FEEDBACK</a></li>  
  
        <li><a href="Dashboard.jsp" class="logout-  
btn">LOGOUT</a></li>  
  
    </ul>  
  
</div>  
  
</nav>  
  
  
<div class="dashboard-container">  
  
    <header>  
  
        <h1>Charity Dashboard</h1>  
  
    </header>  
  
  
<div class="card-container-dash">  
  
    <%  
  
        int totalCharity = 0;  
  
        double totalDonations = 0.0;  
  
        int totalMembers = 0;  
  
  
        Connection conn = null;  
  
        PreparedStatement psCharity = null;  
  
        PreparedStatement psDonation = null;  
  
        PreparedStatement psMembers = null;  
  
        ResultSet rs1 = null, rs2 = null, rs3 = null;  
  
    %>
```

CSC508: ENTERPRISE PROGRAMMING MEDIAD REPORT

```
try {

    conn = AdminDashboard.getConnection();

    // Count charities (adjust table name if needed)

    try {

        psCharity = conn.prepareStatement("SELECT COUNT(*) FROM MANAGE");

        rs1 = psCharity.executeQuery();

        if (rs1.next()) {

            totalCharity = rs1.getInt(1);

        }

    } catch (Exception e) {

        // If no charity table, ignore or log

    } finally {

        if (rs1 != null) try { rs1.close(); } catch (Exception e) {}

        if (psCharity != null) try { psCharity.close(); } catch (Exception e) {}

    }

}

// Sum donations

try {

    psDonation = conn.prepareStatement("SELECT SUM(amount) FROM donation");

    rs2 = psDonation.executeQuery();

    if (rs2.next()) {

        totalDonations = rs2.getDouble(1);

    }

} catch (Exception e) {

    // If no donations table, ignore or log

} finally {
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
        if (rs2 != null) try { rs2.close(); } catch
(Exception e) {}

        if (psDonation != null) try { psDonation.close(); }
catch (Exception e) {}

    }

// Count members

try {

    psMembers = conn.prepareStatement("SELECT COUNT(*)
FROM users");

    rs3 = psMembers.executeQuery();

    if (rs3.next()) {

        totalMembers = rs3.getInt(1);

    }

} catch (Exception e) {

    // If no users table, ignore or log

} finally {

    if (rs3 != null) try { rs3.close(); } catch
(Exception e) {}

    if (psMembers != null) try { psMembers.close(); }
catch (Exception e) {}

}

}

} catch (Exception e) {

    e.printStackTrace();

    response.getWriter().println("SQL Error: " +
e.getMessage());

} finally {

    if (conn != null) try { conn.close(); } catch (Exception
e) {}

}

%>
```

CSC508: ENTERPRISE PROGRAMMING

MEDIAID REPORT

```
<div class="card">
    <h2>Total Charity</h2>
    <p><%= totalCharity %></p>
</div>

<div class="card">
    <h2>Total Donations</h2>
    <p>RM <%= String.format("%.2f", totalDonations) %></p>
</div>
</div>

<div class="card">
    <h2>Total Members</h2>
    <p><%= totalMembers %></p>
</div>

<!-- Dashboard Features Section -->
<div class="dashboard-features">
    <div class="feature-card">
        <a href="ManageCharityRequest.jsp"><h3>Charity Management</h3></a><br><br>
        <a href="ManageReqForm.jsp"><h3>Add the Charity</h3></a><br><br>
        <a href="ManageReqDelete.jsp"><h3>Delete Charity</h3></a><br><br>
    </div>
    <%
        // Step 1: Prepare data for pie chart
    %>
</div>
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
Map<String, Double> yearlyDonations = new
LinkedHashMap<String, Double>();

Connection conn2 = null;

PreparedStatement psYearly = null;

ResultSet rsYearly = null;

try {

    conn2 = AdminDashboard.getConnection();

    // Derby-compatible: extract year as string from
created_at

    String sql = "SELECT SUBSTR(CAST(donation_date AS
CHAR(10)), 1, 4) AS yr, SUM(amount) AS total " +
                  "FROM donation GROUP BY
SUBSTR(CAST(donation_date AS CHAR(10)), 1, 4) " +
                  "ORDER BY SUBSTR(CAST(donation_date AS
CHAR(10)), 1, 4)";

    psYearly = conn2.prepareStatement(sql);

    rsYearly = psYearly.executeQuery();

    while (rsYearly.next()) {

        String year = rsYearly.getString("yr");

        double total = rsYearly.getDouble("total");

        yearlyDonations.put(year, total);

    }

} catch (Exception e) {

    e.printStackTrace();

    response.getWriter().println("SQL Error: " +
e.getMessage());

} finally {

    if (rsYearly != null) try { rsYearly.close(); } catch
(Exception e) {}

    if (psYearly != null) try { psYearly.close(); } catch
(Exception e) {}

    if (conn2 != null) try { conn2.close(); } catch
(Exception e) {}

}
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
    }

%>

<!-- Step 2: Load Google Charts and Render Pie Chart -->

<script type="text/javascript"
src="https://www.gstatic.com/charts/loader.js"></script>

<script>

    google.charts.load("current", {
        packages: ["corechart"]
    });

    google.charts.setOnLoadCallback(drawChart);

    function drawChart() {
        var data = google.visualization.arrayToDataTable([
            ['Year', 'Donation Amount'],
            <% for (Map.Entry<String, Double> entry :
yearlyDonations.entrySet()) { %>
                [ '<%= entry.getKey() %>', <%= entry.getValue() %> ],
            <% } %>
        ]);
    }

    var options = {
        title: 'Annual Donation Distribution',
        is3D: true,
        width: 600,
        height: 400
    };
}
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
        var chart = new
google.visualization.PieChart(document.getElementById('donationPieChart'));

        chart.draw(data, options);

    }

</script>

<!-- Step 3: Add container for chart -->
<div class="feature-card">

    <div style="text-align:center; margin: 50px 0;">
        <h2>Donation Breakdown by Year</h2>
        <div id="donationPieChart" style="margin: 0 auto;"></div>
    </div>
</div>

<div class="feature-card">

    <h3>News</h3>
    <hr>
    <h3>Stories</h3>
    <hr>
    <h3>Educational</h3>
    <hr>
</div>
</div>

<section class="info-section">
    <h2>About Us</h2>
    <p>We are committed to making a difference in our community through your generous donations and support.</p>
</section>
</div>
```

```
</section>  
</body>  
</html>
```

AdminDashServlet.java

```
package admin.com.controller;  
  
import java.io.IOException;  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.ResultSet;  
import java.sql.Statement;  
import javax.servlet.ServletException;  
import javax.servlet.http.HttpServlet;  
import javax.servlet.http.HttpServletRequest;  
import javax.servlet.http.HttpServletResponse;  
  
public class adminDashServlet extends HttpServlet {  
  
    private static final String dburl =  
"jdbc:derby://localhost:1527/MediAidDB";  
    private static final String dbname = "app";  
    private static final String dbpass = "app";  
  
    protected void processRequest(HttpServletRequest request,  
HttpServletResponse response)  
        throws ServletException, IOException {  
        response.setContentType("text/html; charset=UTF-8");
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
int totalCharity = 0;

double totalDonations = 0.0;

int totalMembers = 0;

try {

    Class.forName("org.apache.derby.jdbc.ClientDriver");

    Connection conn = DriverManager.getConnection(dburl, dbname,
dbpass);

    Statement stmt = conn.createStatement();

    // Count charities (if you have a 'charity' table)

    try {

        ResultSet rs = stmt.executeQuery("SELECT COUNT(*) FROM
charity");

        if (rs.next()) {

            totalCharity = rs.getInt(1);

        }

        rs.close();

    } catch (Exception e) {

        // If no charity table, ignore or log

    }

    // Sum donations (assuming a 'donation' table)

    try {

        ResultSet rs = stmt.executeQuery("SELECT SUM(amount) FROM
donation");

        if (rs.next()) {

            totalDonations = rs.getDouble(1);

        }

    }

}
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
        rs.close();

    } catch (Exception e) {
        // If no donation table, ignore or log
    }

    // Count members (assuming a 'users' table)
    try {
        ResultSet rs = stmt.executeQuery("SELECT COUNT(*) FROM
users");
        if (rs.next()) {
            totalMembers = rs.getInt(1);
        }
        rs.close();
    } catch (Exception e) {
        // If no users table, ignore or log
    }

    conn.close();
} catch (Exception e) {
    e.printStackTrace();
    request.setAttribute("error", "SQL Error: " + e.getMessage());
}

// Set attributes for the JSP
request.setAttribute("totalCharity", totalCharity);
request.setAttribute("totalDonations", totalDonations);
request.setAttribute("totalMembers", totalMembers);

// Forward to the admin dashboard JSP
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
        request.getRequestDispatcher("AdminDashboard.jsp").forward(request,
response);

    }

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse
response)

    throws ServletException, IOException {

processRequest(request, response);

}

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse
response)

    throws ServletException, IOException {

processRequest(request, response);

}

@Override

public String getServletInfo() {

    return "Admin dashboard servlet";

}

}
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

5.6.2 Admin Charity List

The screenshot shows a web browser window titled 'Manage Charity Requests' with the URL 'localhost:8080/MediAidWebsite/ManageCharityRequest.jsp'. The page has a header with the MediAid logo, navigation links for HOME, LIST, REPORT, FEEDBACK, and a red LOGOUT button. The main content area is titled 'Manage Charity' and contains a table with three rows of data:

Category	Place	Date	Edit
patient	THOMPSON MEDICAL CENTRE	2025-07-10	Update
medical	HOSPITAL USM	2025-07-09	Update
fund	HOSPITAL PASIR MAS KELANTAN	2025-07-23	Update

At the bottom of the table are two buttons: 'Add New Charity Request' and 'Delete Request'.

ManageCharityRequest.jsp

```
<%--  
Document      : ManageCharityRequest  
Created on   : Jul 2, 2025, 1:16:31 PM  
Author       : Aishah  
--%>
```

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>  
<%@page import= "java.sql.*" %>  
<!DOCTYPE html>  
<html>  
<head>  
<meta charset="UTF-8"/>  
<meta name="viewport" content="width=device-width, initial-scale=1">
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
<link
  href="https://fonts.googleapis.com/css2?family=Comic+Neue:wght@300;400;700&display=swap" rel="stylesheet" />

<title>Manage Charity Requests</title>

<style>

  body {
    font-family: 'Comic Neue', cursive;
    margin: 0;
    padding: 0;
    background: #e6f5f2;
    color: #333;
  }

  nav {
    position: sticky;
    top: 0;
    width: 100%;
    background: linear-gradient(90deg, rgba(67, 206, 162, 0.2), rgba(24, 90, 157, 0.2));
    box-shadow: 0 2px 6px rgba(0,0,0,0.1);
    padding: 10px 30px;
    display: flex;
    align-items: center;
    justify-content: space-between;
    z-index: 999;
    box-sizing: border-box;
  }

  .navbar-logo {
    display: flex;
    align-items: center;
  }
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
gap: 10px;  
}  
  
.logo {  
height: 80px;  
max-width: 100%;  
}  
  
.navbar-logo span {  
font-size: 1.5em;  
color: #007BFF;  
font-weight: bold;  
line-height: 1;  
}  
  
.nav-links ul {  
list-style: none;  
display: flex;  
gap: 20px;  
margin: 0;  
padding: 0;  
flex-wrap: wrap;  
}  
  
.nav-links ul li {  
position: relative;  
}  
  
.nav-links ul li a {
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
text-decoration: none;  
color: #333;  
font-size: 1em;  
padding: 8px 12px;  
white-space: nowrap;  
transition: color 0.3s, background 0.3s;  
}
```

```
.nav-links ul li a:hover,  
.nav-links ul li a.active {  
color: #007BFF;  
background-color: #f0f8ff;  
border-radius: 5px;  
font-weight: bold;  
}
```

```
.logout-btn {  
background-color:#ff4d4d;  
color: white;  
border-radius: 8px;  
}  
.logout-btn:hover {  
background-color: #cc0000;  
}
```

```
.container {  
max-width: 1000px;  
margin: 30px auto;  
padding: 20px;
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
background-color: #ffffff;
border-radius: 10px;
box-shadow: 0 4px 10px rgba(0,0,0,0.1);
}

h1 {
    color: #1d7874;
    text-align: center;
}

table {
    width: 100%;
    border-collapse: collapse;
    margin: 20px 0;
}

table, th, td {
    border: 1px solid #ccc;
}

th, td {
    padding: 12px;
    text-align: center;
}

th {
    background-color: #29a19c;
    color: white;
}

tr:nth-child(even) {
    background-color: #f2f2f2;
}

.action-buttons {
    text-align: center;
    margin-top: 20px;
```

CSC508: ENTERPRISE PROGRAMMING MEDIAD REPORT

```
        }

    .action-buttons a {
        text-decoration: none;
        background-color: #1d7874;
        color: white;
        padding: 10px 20px;
        margin: 5px;
        border-radius: 8px;
        display: inline-block;
        transition: background-color 0.3s;
    }

    .action-buttons a:hover {
        background-color: #145a58;
    }

</style>

</head>

<body>

<section class="header">
    <nav>
        
        <div class="nav-links">
            <ul>
                <li><a href="AdminDashboard.jsp">HOME</a></li>
                <li><a href="ManageCharityRequest.jsp">LIST</a></li>
                <li><a href="ViewReports.jsp">REPORT</a></li>
                <li><a href="ViewFeedback.jsp">FEEDBACK</a></li>
                <li><a href="Dashboard.jsp" class="logout-btn">LOGOUT</a></li>
            </ul>
        </div>
    </nav>
</section>
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAD REPORT

```
</ul>

</div>

</nav>

<div class="container">

    <h1>Manage Charity</h1>

    <div class="card">

        <table>

            <tr>

                <th>Category</th>
                <th>Place</th>
                <th>Date</th>
                <th>Edit</th>
            </tr>

            <%

                Connection conn = null;
                PreparedStatement stmt = null;
                ResultSet rs = null;
                try {
                    conn =
DriverManager.getConnection("jdbc:derby://localhost:1527/MediAidDB", "app", "ap
p");
                    String query = "SELECT * FROM Manage";
                    stmt = conn.prepareStatement(query);
                    rs = stmt.executeQuery();
                    while(rs.next()) {
                        %>
                        <tr>
                            <td><%= rs.getString("CATEGORY") %></td>
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
<td><%= rs.getString("PLACE") %></td>
<td><%= rs.getString("DONATION_DATE") %></td>
<td><a href="ManageCharityRequestEdit?id=<%= rs.getInt("ID") %>">Update</a></td>

</tr>
<%
}
} catch(SQLException e) {
    out.println("Error retrieving records: " +
e.getMessage());
} finally {
    if(rs != null) rs.close();
    if(stmt != null) stmt.close();
    if(conn != null) conn.close();
}
%>
</table>
</div>

<div class="action-buttons">
    <a href="ManageReqForm.jsp">Add New Charity Request</a>
    <a href="ManageReqDelete.jsp">Delete Request</a>
</div>
</div>
</section>

</body>
</html>
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

5.6.2.1 Admin Delete Charity

The screenshot shows a web application titled "Delete Charity". At the top, there is a navigation bar with links for HOME, LIST, REPORT, FEEDBACK, and LOGOUT. Below the navigation bar is a table with four columns: ID, Category, Place, and Date. The table contains three rows of data:

ID	Category	Place	Date
3	patient	THOMPSON MEDICAL CENTRE	2025-07-10
4	medical	HOSPITAL USM	2025-07-09
6	fund	HOSPITAL PASIR MAS KELANTAN	2025-07-23

Below the table is a form titled "Delete Record Charity" with a text input field labeled "Enter ID to Delete:" and a "Delete" button.

ManageReqDelete.jsp

<%--

Document : ManageReqDelete

Created on : Jul 6, 2025, 2:15:58 PM

Author : Aishah

--%>

```
<%@ page language="java" contentType="text/html; charset=UTF-8" %>
<%@page import= "java.sql.*" %>
<!DOCTYPE html>

<html>
<head>

<meta charset="UTF-8"/>
<meta name="viewport" content="width=device-width, initial-scale=1">
```

CSC508: ENTERPRISE PROGRAMMING

MEDIAID REPORT

```
<link
href="https://fonts.googleapis.com/css2?family=Comic+Neue:wght@300;400;700&dis
play=swap" rel="stylesheet" />

<title>Delete Record</title>

<style>

body {
    font-family: 'Comic Neue', cursive;
    margin: 0;
    padding: 0;
    background: #f0f9f7;
    color: #333;
}

nav {
    position: sticky;
    top: 0;
    width: 100%;
    background: linear-gradient(90deg, rgba(67, 206, 162, 0.2), rgba(24, 90,
157, 0.2));
    box-shadow: 0 2px 6px rgba(0,0,0,0.1);
    padding: 10px 30px;
    display: flex;
    align-items: center;
    justify-content: space-between;
    z-index: 999;
    box-sizing: border-box;
}

.navbar-logo {
    display: flex;
    align-items: center;
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
gap: 10px;  
}  
  
.logo {  
height: 80px;  
max-width: 50%;  
}  
  
.navbar-logo span {  
font-size: 1.5em;  
color: #007BFF;  
font-weight: bold;  
line-height: 1;  
}  
  
.nav-links ul {  
list-style: none;  
display: flex;  
gap: 20px;  
margin: 0;  
padding: 0;  
flex-wrap: wrap;  
}  
  
.nav-links ul li {  
position: relative;  
}  
  
.nav-links ul li a {
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
text-decoration: none;  
color: #333;  
font-size: 1em;  
padding: 8px 12px;  
white-space: nowrap;  
transition: color 0.3s, background 0.3s;  
}
```

```
.nav-links ul li a:hover,  
.nav-links ul li a.active {  
color: #007BFF;  
background-color: #f0f8ff;  
border-radius: 5px;  
font-weight: bold;  
}
```

```
.logout-btn {  
background-color:#ff4d4d;  
color: white;  
border-radius: 8px;  
}  
.logout-btn:hover {  
background-color: #cc0000;  
}
```

```
.container {  
max-width: 900px;  
margin: 30px auto;  
padding: 20px;
```

CSC508: ENTERPRISE PROGRAMMING

MEDIAID REPORT

```
}

.card {

background-color: #ffffff;
border-radius: 10px;
box-shadow: 0 4px 10px rgba(0,0,0,0.1);
padding: 20px;
margin-bottom: 30px;

}

h2 {

color: #1d7874;
text-align: center;
margin-bottom: 20px;

}

table {

width: 100%;

border-collapse: collapse;

}

table th, table td {

border: 1px solid #000;
padding: 10px;
text-align: center;

}

table th {

background-color: #1d7874;
color: white;

}

form {

display: flex;
flex-direction: column;
gap: 15px;
```

CSC508: ENTERPRISE PROGRAMMING

MEDIAID REPORT

```
}

input[type="text"] {
    padding: 10px;
    font-size: 16px;
    border: 1px solid #ccc;
    border-radius: 6px;
}

input[type="submit"] {
    background-color: #1d7874;
    color: white;
    padding: 12px;
    border: none;
    border-radius: 8px;
    font-weight: bold;
    cursor: pointer;
    transition: background-color 0.3s;
}

input[type="submit"]:hover {
    background-color: #145a58;
}

.message {
    color: green;
    text-align: center;
    font-weight: bold;
    margin-top: 10px;
}

</style>

</head>

<body>

<section class="header">
```

CSC508: ENTERPRISE PROGRAMMING

MEDIAID REPORT

```
<nav>

    <div class="nav-links">

        <ul>

            <li><a href="AdminDashboard.jsp">HOME</a></li>

            <li><a href="ManageCharityRequest.jsp">LIST</a></li>

            <li><a href="ViewReports.jsp">REPORT</a></li>

            <li><a href="ViewFeedback.jsp">FEEDBACK</a></li>

            <li><a href="Dashboard.jsp" class="logout-
btn">LOGOUT</a></li>

        </ul>

    </div>

</nav>

<div class="container">

    <h2>Delete Charity</h2>

    <div class="card">

        <table>

            <tr>

                <th>ID</th>

                <th>Category</th>

                <th>Place</th>

                <th>Date</th>

            </tr>

            <%

                Connection conn = null;

                PreparedStatement stmt = null;

                ResultSet rs = null;

                try {


```

CSC508: ENTERPRISE PROGRAMMING MEDIAD REPORT

```
conn =
DriverManager.getConnection("jdbc:derby://localhost:1527/MediAidDB", "app", "ap
p");

String query = "SELECT * FROM Manage";

stmt = conn.prepareStatement(query);

rs = stmt.executeQuery();

while(rs.next()) {

    %>

<tr>

<td><%= rs.getInt("id") %></td>

<td><%= rs.getString("CATEGORY") %></td>

<td><%= rs.getString("PLACE") %></td>

<td><%= rs.getString("DONATION_DATE") %></td>

</tr>

<%
}

} catch(SQLException e) {

    out.println("Error retrieving records " +
e.getMessage());

} finally {

    if(rs != null) rs.close();

    if(stmt != null) stmt.close();

    if(conn != null) conn.close();

}

%>

</table>

</div>

<div class="card">

<h2>Delete Record Charity</h2>
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
<form action="ManageReqServletDelete" method="post">  
    <label for="id">Enter ID to Delete:</label>  
    <input type="text" name="id" required>  
    <input type="submit" value="Delete">  
</form>  
</div>  
  
<%  
    String message = request.getParameter("message");  
    if (message != null) {  
%>  
    <p class="message"><%= message %></p>  
<%  
    }  
%>  
</div>  
</section>  
</body>  
</html>
```

ManageReqServletDelete.java

```
package admin.com.controller;  
  
import java.io.IOException;  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.PreparedStatement;  
import javax.servlet.ServletException;
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
import javax.servlet.annotation.WebServlet;  
  
import javax.servlet.http.HttpServlet;  
  
import javax.servlet.http.HttpServletRequest;  
  
import javax.servlet.http.HttpServletResponse;  
  
  
@WebServlet("/ManageReqServletDelete")  
public class ManageReqServletDelete extends HttpServlet {  
  
  
    // FIX: Use the correct database name  
  
    private static final String dburl =  
"jdbc:derby://localhost:1527/MediAidDB";  
  
    private static final String dbname = "app";  
  
    private static final String dbpass = "app";  
  
  
    protected void processRequest(HttpServletRequest request,  
HttpServletResponse response)  
        throws ServletException, IOException {  
  
        response.setContentType("text/html; charset=UTF-8");  
  
  
        String id_info = request.getParameter("id");  
        int id = Integer.parseInt(id_info);  
  
  
        try {  
            Class.forName("org.apache.derby.jdbc.ClientDriver"); // Ensure  
Derby driver is loaded  
  
            Connection conn = DriverManager.getConnection(dburl, dbname,  
dbpass);  
  
            String sql = "DELETE FROM Manage WHERE id = ?";  
            PreparedStatement stmt = conn.prepareStatement(sql);  
            stmt.setInt(1, id);
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
int rows = stmt.executeUpdate();

conn.close();

if (rows > 0) {

response.sendRedirect("ManageReqDelete.jsp?message=Record+deleted+successfully");

} else {

response.sendRedirect("ManageReqDelete.jsp?message=No+record+found+with+that+ID");

}

}

} catch (Exception e) {

//e.printStackTrace();

response.getWriter().println("SQL Error: " + e.getMessage());

response.sendRedirect("ManageReqDelete.jsp?message=Error+occurred+while+deleting");

}

}

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

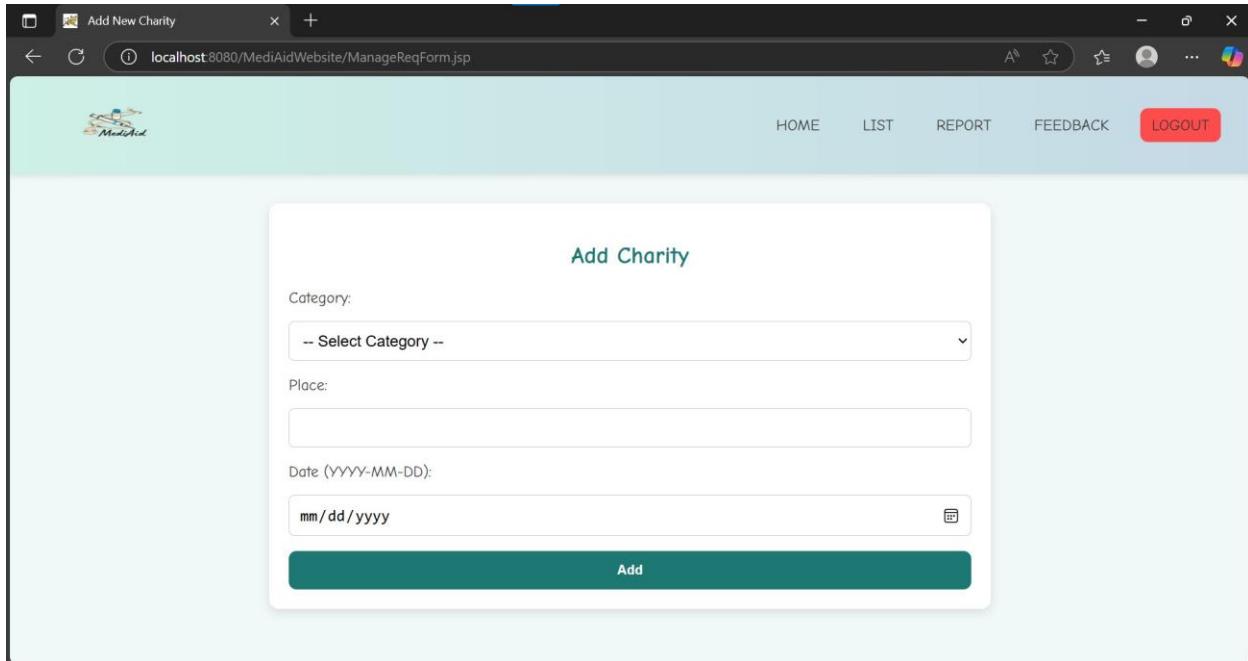
@Override
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
protected void doPost(HttpServletRequest request, HttpServletResponse response)
{
    throws ServletException, IOException {
    processRequest(request, response);
}

@Override
public String getServletInfo() {
    return "Short description";
}
}
```

5.6.2.2 Admin Add Charity



ManageReqForm.jsp

```
<%--  
Document      : ManageReqForm  
Created on : Jul 3, 2025, 11:06:48 PM
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
Author      : Aishah
--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8"/>
<meta name="viewport" content="width=device-width, initial-scale=1">

<link href="https://fonts.googleapis.com/css2?family=Comic+Neue:wght@300;400;700&display=swap" rel="stylesheet" />
<title>Add New Charity</title>
<style>
body {
    font-family: 'Comic Neue', cursive;
    margin: 0;
    padding: 0;
    background: #f0f9f7;
    color: #333;
}

nav {
    position: sticky;
    top: 0;
    width: 100%;
    background: linear-gradient(90deg, rgba(67, 206, 162, 0.2), rgba(24, 90, 157, 0.2));
    box-shadow: 0 2px 6px rgba(0,0,0,0.1);
    padding: 10px 30px;
}
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
display: flex;  
align-items: center;  
justify-content: space-between;  
z-index: 999;  
box-sizing: border-box;  
}
```

```
.navbar-logo {  
display: flex;  
align-items: center;  
gap: 10px;  
}
```

```
.logo {  
height: 80px;  
max-width: 50%;  
}
```

```
.navbar-logo span {  
font-size: 1.5em;  
color: #007BFF;  
font-weight: bold;  
line-height: 1;  
}
```

```
.nav-links ul {  
list-style: none;  
display: flex;  
gap: 20px;
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
margin: 0;  
padding: 0;  
flex-wrap: wrap;  
}  
  
.nav-links ul li {  
    position: relative;  
}  
  
.nav-links ul li a {  
    text-decoration: none;  
    color: #333;  
    font-size: 1em;  
    padding: 8px 12px;  
    white-space: nowrap;  
    transition: color 0.3s, background 0.3s;  
}  
  
.nav-links ul li a:hover,  
.nav-links ul li a.active {  
    color: #007BFF;  
    background-color: #f0f8ff;  
    border-radius: 5px;  
    font-weight: bold;  
}  
  
.logout-btn {  
    background-color:#ff4d4d;  
    color: white;
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
border-radius: 8px;  
}  
  
.logout-btn:hover {  
    background-color: #cc0000;  
  
}  
  
  
.container {  
    max-width: 700px;  
    margin: 30px auto;  
    padding: 20px;  
    background-color: #ffffff;  
    border-radius: 10px;  
    box-shadow: 0 4px 10px rgba(0,0,0,0.1);  
}  
  
h2 {  
    color: #1d7874;  
    text-align: center;  
    margin-bottom: 20px;  
}  
  
form {  
    display: flex;  
    flex-direction: column;  
    gap: 15px;  
}  
  
select, input[type="text"], input[type="date"] {  
    padding: 10px;  
    font-size: 16px;  
    border: 1px solid #ccc;
```

CSC508: ENTERPRISE PROGRAMMING MEDIAD REPORT

```
        border-radius: 6px;  
    }  
  
    input[type="submit"] {  
  
        background-color: #1d7874;  
        color: white;  
        padding: 12px;  
        border: none;  
        border-radius: 8px;  
        font-weight: bold;  
        cursor: pointer;  
        transition: background-color 0.3s;  
    }  
  
    input[type="submit"]:hover {  
  
        background-color: #145a58;  
    }  
  
</style>  
  
</head>  
  
<body>  
  
<section class="header">  
  
    <nav>  
  
          
  
        <div class="nav-links">  
  
            <ul>  
  
                <li><a href="AdminDashboard.jsp">HOME</a></li>  
  
                <li><a href="ManageCharityRequest.jsp">LIST</a></li>  
  
                <li><a href="ViewReports.jsp">REPORT</a></li>  
  
                <li><a href="ViewFeedback.jsp">FEEDBACK</a></li>  
  
                <li><a href="Dashboard.jsp" class="logout-btn">LOGOUT</a></li>  
            </ul>  
        </div>  
    </nav>  
</section>
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
</ul>

</div>

</nav>

<div class="container">

    <h2>Add Charity</h2>

    <form action="ManageReqServletAdd" method="post">

        <label for="category">Category:</label>

        <select name="category" id="category" required>

            <option value="">-- Select Category --</option>
            <option value="medical">Medical Supplies</option>
            <option value="fund">Emergency Fund</option>
            <option value="patient">Patient Support</option>
        </select>

        <label for="place">Place:</label>

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

        <label for="donationDate">Date (YYYY-MM-DD) :</label>

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

        <input type="submit" value="Add">

    </form>

</div>

</section>

</body>

</html>
```

ManageReqServletAdd.java

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
package admin.com.controller;

import java.io.IOException;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

@WebServlet("/ManageReqServletAdd") // ✓ Penting untuk elak error 404
public class ManageReqServletAdd extends HttpServlet {

    protected void processRequest(HttpServletRequest request,
HttpServletResponse response)
        throws ServletException, IOException {

        response.setContentType("text/html; charset=UTF-8");

        String category = request.getParameter("category");
        String place = request.getParameter("place");
        String date = request.getParameter("donationDate");

        try {
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
// Connect ke database MediAidDB
Class.forName("org.apache.derby.jdbc.ClientDriver");
Connection conn = DriverManager.getConnection(
    "jdbc:derby://localhost:1527/MediAidDB", "app", "app");

// Masukkan data ke dalam table Manage
String query = "INSERT INTO Manage (CATEGORY, PLACE,
DONATION_DATE) VALUES (?, ?, ?)";
PreparedStatement stmt = conn.prepareStatement(query);
stmt.setString(1, category);
stmt.setString(2, place);
stmt.setDate(3, java.sql.Date.valueOf(date));

stmt.executeUpdate();

conn.close();

// Redirect balik ke page senarai
response.sendRedirect("ManageCharityRequest.jsp");

} catch (Exception e) {
    e.printStackTrace();
    response.getWriter().println("SQL Error: " + e.getMessage());
}

@Override
protected void doGet(HttpServletRequest request, HttpServletResponse
response)
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

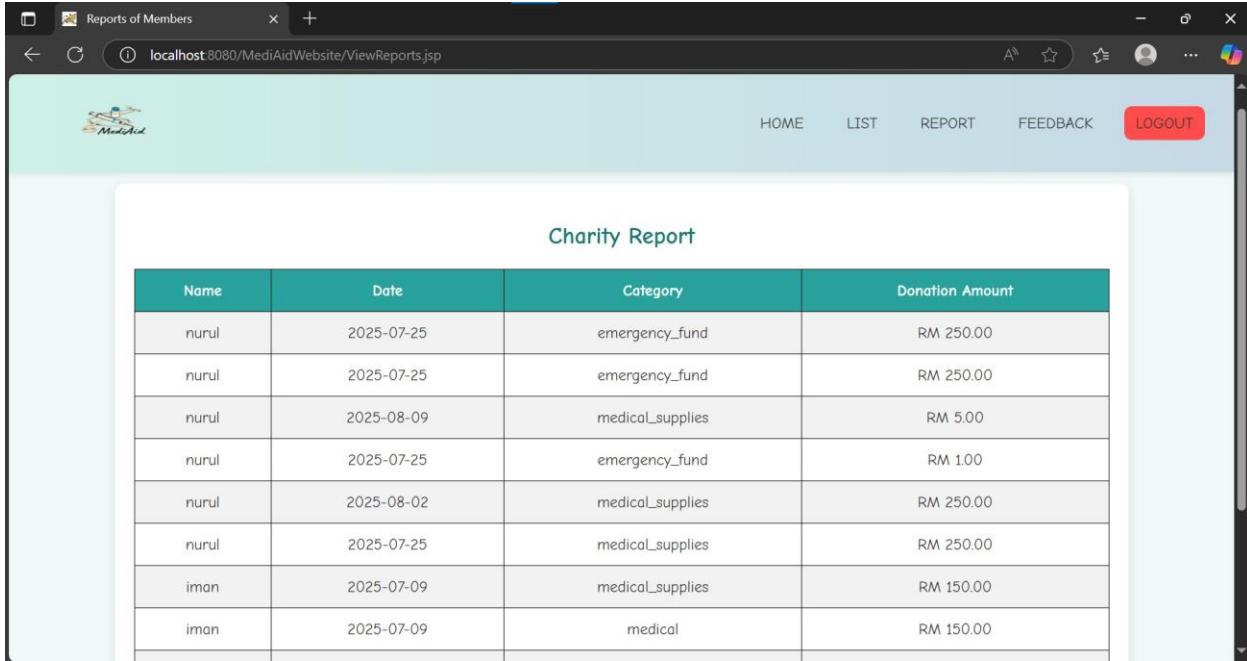
```
        throws ServletException, IOException {
    processRequest(request, response);
}

@Override
protected void doPost(HttpServletRequest request, HttpServletResponse
response)
        throws ServletException, IOException {
    processRequest(request, response);
}

@Override
public String getServletInfo() {
    return "Servlet for adding new charity record into Manage table";
}
}
```

CSC508: ENTERPRISE PROGRAMMING MEDIAD REPORT

5.6.2 Admin report of user that has donated



The screenshot shows a web browser window with the title 'Reports of Members'. The URL is 'localhost:8080/MediAidWebsite/ViewReports.jsp'. The page header includes a logo, navigation links for HOME, LIST, REPORT, FEEDBACK, and a red 'LOGOUT' button. The main content area is titled 'Charity Report' and contains a table with the following data:

Name	Date	Category	Donation Amount
nurul	2025-07-25	emergency_fund	RM 250.00
nurul	2025-07-25	emergency_fund	RM 250.00
nurul	2025-08-09	medical_supplies	RM 5.00
nurul	2025-07-25	emergency_fund	RM 1.00
nurul	2025-08-02	medical_supplies	RM 250.00
nurul	2025-07-25	medical_supplies	RM 250.00
iman	2025-07-09	medical_supplies	RM 150.00
iman	2025-07-09	medical	RM 150.00

ViewReport.jsp

```
<%--  
Document      : ViewReports  
Created on   : Jul 2, 2025, 1:17:29 PM  
Author       : Aishah  
--%>
```

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>  
<%@page import= "java.sql.*" %>  
<!DOCTYPE html>  
  
<html>  
  
<head>  
  
    <meta charset="UTF-8"/>  
  
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
<link
href="https://fonts.googleapis.com/css2?family=Comic+Neue:wght@300;400;700&dis
play=swap" rel="stylesheet" />

<title>Reports of Members</title>

<style>

body {
    font-family: 'Comic Neue', cursive;
    margin: 0;
    padding: 0;
    background: #f0f9f7;
    color: #333;
}

nav {
    position: sticky;
    top: 0;
    width: 100%;
    background: linear-gradient(90deg, rgba(67, 206, 162, 0.2), rgba(24, 90,
157, 0.2));
    box-shadow: 0 2px 6px rgba(0,0,0,0.1);
    padding: 10px 30px;
    display: flex;
    align-items: center;
    justify-content: space-between;
    z-index: 999;
    box-sizing: border-box;
}

.navbar-logo {
    display: flex;
    align-items: center;
}
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
gap: 10px;  
}  
  
.logo {  
height: 80px;  
max-width: 50%;  
}  
  
.navbar-logo span {  
font-size: 1.5em;  
color: #007BFF;  
font-weight: bold;  
line-height: 1;  
}  
  
.nav-links ul {  
list-style: none;  
display: flex;  
gap: 20px;  
margin: 0;  
padding: 0;  
flex-wrap: wrap;  
}  
  
.nav-links ul li {  
position: relative;  
}  
  
.nav-links ul li a {
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
text-decoration: none;  
color: #333;  
font-size: 1em;  
padding: 8px 12px;  
white-space: nowrap;  
transition: color 0.3s, background 0.3s;  
}
```

```
.nav-links ul li a:hover,  
.nav-links ul li a.active {  
color: #007BFF;  
background-color: #f0f8ff;  
border-radius: 5px;  
font-weight: bold;  
}
```

```
.logout-btn {  
background-color:#ff4d4d;  
color: white;  
border-radius: 8px;  
}  
.logout-btn:hover {  
background-color: #cc0000;  
}
```

```
.container {  
max-width: 1000px;  
margin: 30px auto;  
padding: 20px;
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
background-color: #ffffff;
border-radius: 10px;
box-shadow: 0 4px 10px rgba(0,0,0,0.1);
}

h1 {
    color: #1d7874;
    text-align: center;
}

table {
    width: 100%;
    border-collapse: collapse;
    margin: 20px 0;
}

table, th, td {
    border: 1px solid black;
}

th, td {
    padding: 12px;
    text-align: center;
}

th {
    background-color: #29a19c;
    color: white;
}

tr:nth-child(even) {
    background-color: #f2f2f2;
}

.action-buttons {
    text-align: center;
    margin-top: 20px;
```

CSC508: ENTERPRISE PROGRAMMING MEDIAD REPORT

```
        }

    .action-buttons a {
        text-decoration: none;
        background-color: #1d7874;
        color: white;
        padding: 10px 20px;
        margin: 5px;
        border-radius: 8px;
        display: inline-block;
        transition: background-color 0.3s;
    }

    .action-buttons a:hover {
        background-color: #145a58;
    }

</style>

</head>

<body>

<section class="header">
    <nav>
        
        <div class="nav-links">
            <ul>
                <li><a href="AdminDashboard.jsp">HOME</a></li>
                <li><a href="ManageCharityRequest.jsp">LIST</a></li>
                <li><a href="ViewReports.jsp">REPORT</a></li>
                <li><a href="ViewFeedback.jsp">FEEDBACK</a></li>
                <li><a href="Dashboard.jsp" class="logout-btn">LOGOUT</a></li>
            </ul>
        </div>
    </nav>
</section>
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
</ul>

</div>

</nav>

<div class="container">

    <h1>Charity Report</h1>

    <div class="card">

        <table>

            <tr>

                <th>Name</th>
                <th>Date</th>
                <th>Category</th>
                <th>Donation Amount</th>
            </tr>

            <%

                Connection conn = null;
                PreparedStatement stmt = null;
                ResultSet rs = null;
                try {
                    conn =
DriverManager.getConnection("jdbc:derby://localhost:1527/MediAidDB", "app", "ap
p");
                    String query = "SELECT * FROM donation";
                    stmt = conn.prepareStatement(query);
                    rs = stmt.executeQuery();

                    while(rs.next()) {
                        %>
                        <tr>
                            <td><%= rs.getString("username")%></td>
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
<td><%= rs.getString("donation_date")%></td>
<td><%= rs.getString("cause")%></td>
<td>RM <%= String.format("%.2f",
rs.getDouble("amount"))%></td>
</tr>
<%
}
} catch (SQLException e) {
    out.println("Error retrieving records " +
e.getMessage());
}
finally{
    if(rs != null) rs.close();
    if(stmt != null) stmt.close();
    if(conn != null) conn.close();
}
%>
</table>
<div class="action-buttons">
    <a href="UserDeletion.jsp">Delete Donor</a>
</div>
</div>
</div>
</section>
</body>
</html>
```

ViewReportServlet.java

```
/*
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

- To change this license header, choose License Headers in Project Properties.
- To change this template file, choose Tools | Templates
- and open the template in the editor.

```
*/ package admin.com.controller;

import java.io.IOException; import java.io.PrintWriter; import
javax.servlet.ServletException; import javax.servlet.http.HttpServlet; import
javax.servlet.http.HttpServletRequest; import
javax.servlet.http.HttpServletResponse;

public class ViewReportServlet extends HttpServlet {

protected void processRequest(HttpServletRequest request, HttpServletResponse
response)
    throws ServletException, IOException {
    response.setContentType("text/html;charset=UTF-8");
    String username = request.getParameter("username");
    String date = request.getParameter("date");
    String category = request.getParameter("category");
    String donationAmount = request.getParameter("donationAmount");

}

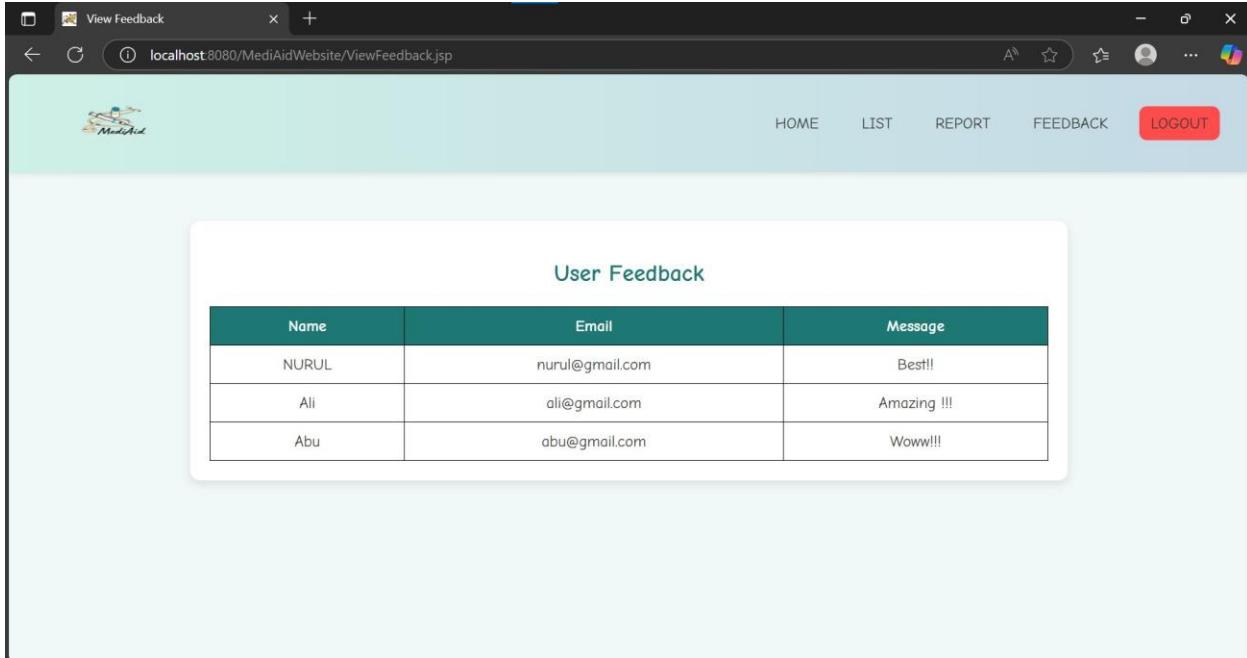
// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the +
sign on the left to edit the code.">
/** 
 * Handles the HTTP <code>GET</code> method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
@Override
protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
/**  
 * Handles the HTTP <code>POST</code> method.  
 *  
 * @param request servlet request  
 * @param response servlet response  
 * @throws ServletException if a servlet-specific error occurs  
 * @throws IOException if an I/O error occurs  
 */  
  
@Override  
protected void doPost(HttpServletRequest request, HttpServletResponse response)  
    throws ServletException, IOException {  
    processRequest(request, response);  
}  
  
/**  
 * Returns a short description of the servlet.  
 *  
 * @return a String containing servlet description  
 */  
  
@Override  
public String getServletInfo() {  
    return "Short description";  
}// </editor-fold>  
  
}
```

CSC508: ENTERPRISE PROGRAMMING MEDIAD REPORT

5.6.3 Admin Feedback



The screenshot shows a web browser window with the URL `localhost:8080/MediAidWebsite/ViewFeedback.jsp`. The page title is "View Feedback". At the top, there is a navigation bar with links for HOME, LIST, REPORT, FEEDBACK, and LOGOUT. The main content area is titled "User Feedback" and contains a table with three rows of data:

Name	Email	Message
NURUL	nurul@gmail.com	Best!!
Ali	ali@gmail.com	Amazing !!!
Abu	abu@gmail.com	Wow!!!

ViewFeedback.jsp

```
<%--  
    Document      : ViewFeedback  
    Created on   : Jul 9, 2025, 9:48:57 PM  
    Author       : user  
--%>  
  
<%@page import="java.sql.*"%>  
<%@page contentType="text/html" pageEncoding="UTF-8"%>  
<!DOCTYPE html>  
<html>  
<head>  
    <meta charset="UTF-8"/>  
    <meta name="viewport" content="width=device-width, initial-scale=1">  
    <link href="https://fonts.googleapis.com/css2?family=Comic+Neue:wght@300;400;700&display=swap" rel="stylesheet" />
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
<title>View Feedback</title>

<style>

body {
    font-family: 'Comic Neue', cursive;
    background-color: #f0f9f7;
    margin: 0;
    padding: 0;
    color: #333;
}

nav {
    position: sticky;
    top: 0;
    width: 100%;

    background: linear-gradient(90deg, rgba(67, 206, 162, 0.2), rgba(24, 90, 157, 0.2));
    box-shadow: 0 2px 6px rgba(0,0,0,0.1);
    padding: 10px 30px;
    display: flex;
    align-items: center;
    justify-content: space-between;
    z-index: 999;
    box-sizing: border-box;
}

.navbar-logo {

    display: flex;
    align-items: center;
    gap: 10px;
}
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
.logo {  
    height: 80px;  
    max-width: 50%;  
}  
  
.navbar-logo span {  
    font-size: 1.5em;  
    color: #007BFF;  
    font-weight: bold;  
    line-height: 1;  
}  
  
.nav-links ul {  
    list-style: none;  
    display: flex;  
    gap: 20px;  
    margin: 0;  
    padding: 0;  
    flex-wrap: wrap;  
}  
  
.nav-links ul li {  
    position: relative;  
}  
  
.nav-links ul li a {  
    text-decoration: none;  
    color: #333;  
    font-size: 1em;
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
padding: 8px 12px;  
white-space: nowrap;  
transition: color 0.3s, background 0.3s;  
}
```

```
.nav-links ul li a:hover,  
.nav-links ul li a.active {  
color: #007BFF;  
background-color: #f0f8ff;  
border-radius: 5px;  
font-weight: bold;  
}
```

```
.logout-btn {  
background-color:#ff4d4d;  
color: white;  
border-radius: 8px;  
}  
.logout-btn:hover {  
background-color: #cc0000;
```

```
}
```

```
.container {  
max-width: 900px;  
margin: 30px auto;  
padding: 20px;  
}  
.card {  
background-color: #ffffff;
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
        border-radius: 10px;  
        box-shadow: 0 4px 10px rgba(0,0,0,0.1);  
        padding: 20px;  
    }  
  
    h1 {  
        color: #1d7874;  
        text-align: center;  
        margin-bottom: 20px;  
    }  
  
    table {  
        width: 100%;  
        border-collapse: collapse;  
    }  
  
    table th, table td {  
        border: 1px solid #000;  
        padding: 10px;  
        text-align: center;  
    }  
  
    table th {  
        background-color: #1d7874;  
        color: white;  
    }  
  
    </style>  
  </head>  
  
<body>  
  <section class="header">  
    <nav>  
        
      <div class="nav-links">
```

CSC508: ENTERPRISE PROGRAMMING MEDIAD REPORT

```
<ul>
    <li><a href="AdminDashboard.jsp">HOME</a></li>
    <li><a href="ManageCharityRequest.jsp">LIST</a></li>
    <li><a href="ViewReports.jsp">REPORT</a></li>
    <li><a href="ViewFeedback.jsp">FEEDBACK</a></li>
    <li><a href="Dashboard.jsp" class="logout-btn">LOGOUT</a></li>
</ul>
</div>
</nav>

<div class="container">
    <div class="card">
        <h1>User Feedback</h1>
        <table>
            <tr>
                <th>Name</th>
                <th>Email</th>
                <th>Message</th>
            </tr>
            <%>
                Connection conn = null;
                PreparedStatement stmt = null;
                ResultSet rs = null;
                try {
                    conn =
DriverManager.getConnection("jdbc:derby://localhost:1527/MediAidDB", "app",
"app");
                    String query = "SELECT * FROM feedback";
                    stmt = conn.prepareStatement(query);
                }
            <%>
        </table>
    </div>
</div>
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
        rs = stmt.executeQuery();

        while (rs.next()) {

            %>

            <tr>

                <td><%= rs.getString("name") %></td>

                <td><%= rs.getString("email") %></td>

                <td><%= rs.getString("message") %></td>

            </tr>

            <%

            %

        } catch (SQLException e) {

            out.println("Error: " + e.getMessage());

        } finally {

            if (rs != null) rs.close();

            if (stmt != null) stmt.close();

            if (conn != null) conn.close();

        }

    %>

</table>

</div>

</div>

</section>

</body>

</html>
```

ContactServlet.java

```
package admin.com.controller;
```

```
import java.io.IOException;
import java.sql.Connection;
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAD REPORT

```
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

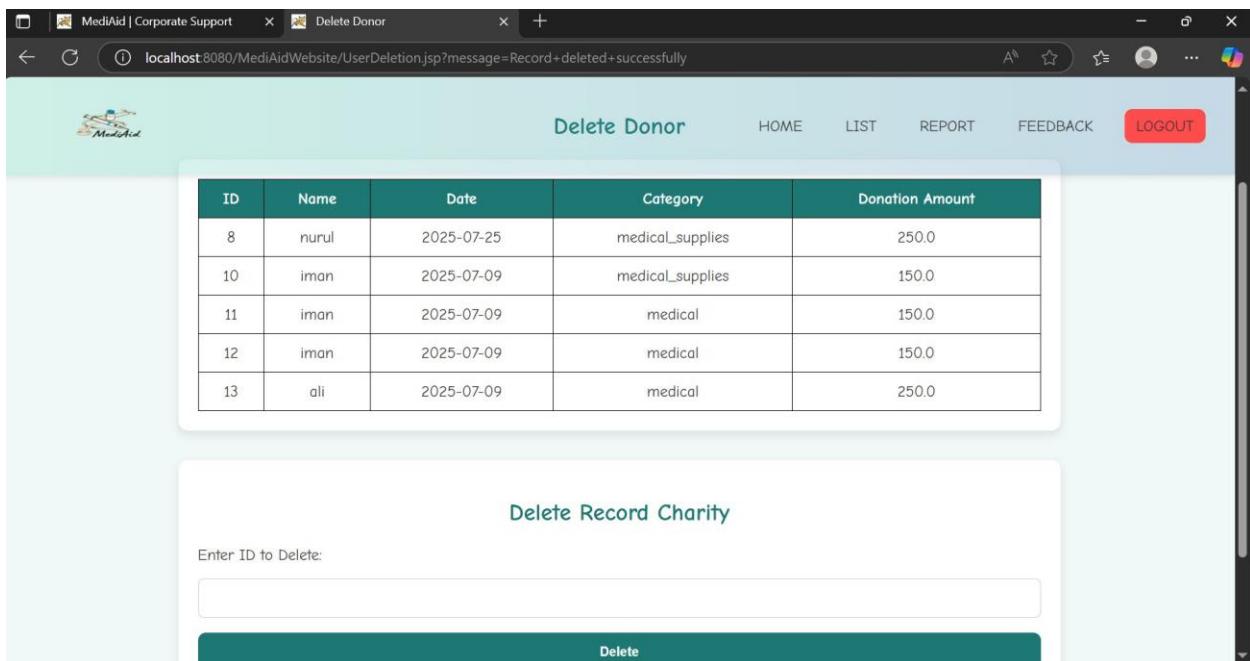
public class ContactServlet extends HttpServlet {
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        String name = request.getParameter("name");
        String email = request.getParameter("email");
        String message = request.getParameter("message");

        try {
            Class.forName("org.apache.derby.jdbc.ClientDriver");
            Connection conn =
DriverManager.getConnection("jdbc:derby://localhost:1527/MediAidDB", "app",
"app");
            String sql = "INSERT INTO feedback (name, email, message) VALUES
(?, ?, ?)";
            PreparedStatement stmt = conn.prepareStatement(sql);
            stmt.setString(1, name);
            stmt.setString(2, email);
            stmt.setString(3, message);
        }
    }
}
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
stmt.executeUpdate();  
  
stmt.close();  
conn.close();  
  
response.sendRedirect("corporate.jsp?success=true");  
} catch (Exception e) {  
    e.printStackTrace();  
    response.sendRedirect("corporate.jsp?error=true");  
}  
}  
}  
}
```

5.6.4 Admin Delete User



ID	Name	Date	Category	Donation Amount
8	nurul	2025-07-25	medical_supplies	250.0
10	iman	2025-07-09	medical_supplies	150.0
11	iman	2025-07-09	medical	150.0
12	iman	2025-07-09	medical	150.0
13	ali	2025-07-09	medical	250.0

Delete Record Charity

Enter ID to Delete:

Delete

UserDeletion.jsp

<%--

**CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT**

Document : UserDeletion
Created on : Jul 7, 2025, 10:35:45 AM
Author : Aishah
--%>

```
<%@ page language="java" contentType="text/html; charset=UTF-8" %>
<%@page import= "java.sql.*" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8"/>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link href="https://fonts.googleapis.com/css2?family=Comic+Neue:wght@300;400;700&display=swap" rel="stylesheet" />
<title>Delete Donor</title>
<style>
body {
    font-family: 'Comic Neue', cursive;
    margin: 0;
    padding: 0;
    background: #f0f9f7;
    color: #333;
}
nav {
position: sticky;
top: 0;
width: 100%;
background: linear-gradient(90deg, rgba(67, 206, 162, 0.2), rgba(24, 90, 157, 0.2));
}
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
  box-shadow: 0 2px 6px rgba(0,0,0,0.1);  
  padding: 10px 30px;  
  display: flex;  
  align-items: center;  
  justify-content: space-between;  
  z-index: 999;  
  box-sizing: border-box;  
}
```

```
.navbar-logo {  
  display: flex;  
  align-items: center;  
  gap: 10px;  
}
```

```
.logo {  
  height: 80px;  
  max-width: 50%;  
}
```

```
.navbar-logo span {  
  font-size: 1.5em;  
  color: #007BFF;  
  font-weight: bold;  
  line-height: 1;  
}
```

```
.nav-links ul {  
  list-style: none;
```

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

```
display: flex;  
gap: 20px;  
margin: 0;  
padding: 0;  
flex-wrap: wrap;  
}  
  
.nav-links ul li {  
    position: relative;  
}  
  
.nav-links ul li a {  
    text-decoration: none;  
    color: #333;  
    font-size: 1em;  
    padding: 8px 12px;  
    white-space: nowrap;  
    transition: color 0.3s, background 0.3s;  
}  
  
.nav-links ul li a:hover,  
.nav-links ul li a.active {  
    color: #007BFF;  
    background-color: #f0f8ff;  
    border-radius: 5px;  
    font-weight: bold;  
}  
  
.logout-btn {
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
background-color:#ff4d4d;  
color: white;  
border-radius: 8px;  
}  
  
.logout-btn:hover {  
background-color: #cc0000;  
  
}  
  
.container {  
max-width: 900px;  
margin: 30px auto;  
padding: 20px;  
}  
  
.card {  
background-color: #ffffff;  
border-radius: 10px;  
box-shadow: 0 4px 10px rgba(0,0,0,0.1);  
padding: 20px;  
margin-bottom: 30px;  
}  
  
h1, h2 {  
color: #1d7874;  
text-align: center;  
margin-bottom: 20px;  
}  
  
table {  
width: 100%;  
border-collapse: collapse;  
}
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
table th, table td {  
    border: 1px solid #000;  
    padding: 10px;  
    text-align: center;  
}  
  
table th {  
    background-color: #1d7874;  
    color: white;  
}  
  
form {  
    display: flex;  
    flex-direction: column;  
    gap: 15px;  
}  
  
input[type="text"] {  
    padding: 10px;  
    font-size: 16px;  
    border: 1px solid #ccc;  
    border-radius: 6px;  
}  
  
input[type="submit"] {  
    background-color: #1d7874;  
    color: white;  
    padding: 12px;  
    border: none;  
    border-radius: 8px;  
    font-weight: bold;  
    cursor: pointer;  
    transition: background-color 0.3s;  
}
```

**CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT**

```
input[type="submit"]:hover {  
    background-color: #145a58;  
}  
  
.message {  
    color: green;  
    text-align: center;  
    font-weight: bold;  
    margin-top: 10px;  
}  
  
</style>  
</head>  
  
<body>  
  
<section class="header">  
  
<nav>  
  
      
  
    <div class="nav-links">  
  
        <ul>  
            <li><a href="AdminDashboard.jsp">HOME</a></li>  
            <li><a href="ManageCharityRequest.jsp">LIST</a></li>  
            <li><a href="ViewReports.jsp">REPORT</a></li>  
            <li><a href="ViewFeedback.jsp">FEEDBACK</a></li>  
            <li><a href="Dashboard.jsp" class="logout-  
            btn">LOGOUT</a></li>  
        </ul>  
    </div>  
</nav>  
  
<div class="container">  
    <h1>Delete Donor</h1>
```

CSC508: ENTERPRISE PROGRAMMING MEDIAD REPORT

```
<div class="card">

    <table>

        <tr>

            <th>ID</th>
            <th>Name</th>
            <th>Date</th>
            <th>Category</th>
            <th>Donation Amount</th>

        </tr>

    <%

        Connection conn = null;
        PreparedStatement stmt = null;
        ResultSet rs = null;
        try {

            conn =
DriverManager.getConnection("jdbc:derby://localhost:1527/MediAidDB", "app", "ap
p");
            String query = "SELECT * FROM donation";
            stmt = conn.prepareStatement(query);
            rs = stmt.executeQuery();
            while(rs.next()) {

                %>
                <tr>

                    <td><%= rs.getInt("id") %></td>
                    <td><%= rs.getString("USERNAME") %></td>
                    <td><%= rs.getString("DONATION_DATE") %></td>
                    <td><%= rs.getString("CAUSE") %></td>
                    <td><%= rs.getDouble("AMOUNT") %></td>

                </tr>
            <%
```

CSC508: ENTERPRISE PROGRAMMING

MEDIAID REPORT

```
        }

    } catch(SQLException e) {

        out.println("Error retrieving records " +
e.getMessage());

    } finally {

        if(rs != null) rs.close();

        if(stmt != null) stmt.close();

        if(conn != null) conn.close();

    }

%>

</table>

</div>

<div class="card">

    <h2>Delete Record Charity</h2>

    <form action="UserDeletionUser" method="post">

        <label for="id">Enter ID to Delete:</label>

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

        <input type="submit" value="Delete">

    </form>

</div>

<%

String message = request.getParameter("message");

if (message != null) {

%>

<p class="message"><%= message %></p>

<%

}

%>
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
</div>
</section>
</body>
</html>
```

UserDeletionServlet.java

```
package admin.com.controller;

import java.io.IOException;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

@WebServlet("/UserDeletionUser")
public class UserDeletionServlet extends HttpServlet {

    // FIX: Use the correct database name
    private static final String dburl =
"jdbc:derby://localhost:1527/MediAidDB";
    private static final String dbname = "app";
    private static final String dbpass = "app";

    protected void processRequest(HttpServletRequest request,
HttpServletResponse response)
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
throws ServletException, IOException {
response.setContentType("text/html;charset=UTF-8");

String id_info = request.getParameter("id");
int id = Integer.parseInt(id_info);

try {
    Class.forName("org.apache.derby.jdbc.ClientDriver"); // Ensure
Derby driver is loaded

    Connection conn = DriverManager.getConnection(dburl, dbname,
dbpass);

    String sql = "DELETE FROM donation WHERE id = ?";
    PreparedStatement stmt = conn.prepareStatement(sql);
    stmt.setInt(1, id);

    int rows = stmt.executeUpdate();
    conn.close();

    if (rows > 0) {
        response.sendRedirect("UserDeletion.jsp?message=Record+deleted+successfully")
    ;
    } else {
        response.sendRedirect("UserDeletion.jsp?message=No+record+found+with+that+ID"
    );
    }
}

} catch (Exception e) {
//e.printStackTrace();
response.getWriter().println("SQL Error: " + e.getMessage());
}
```

CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT

```
response.sendRedirect("UserDeletion.jsp?message=Error+occurred+while+deleting
");
}

}

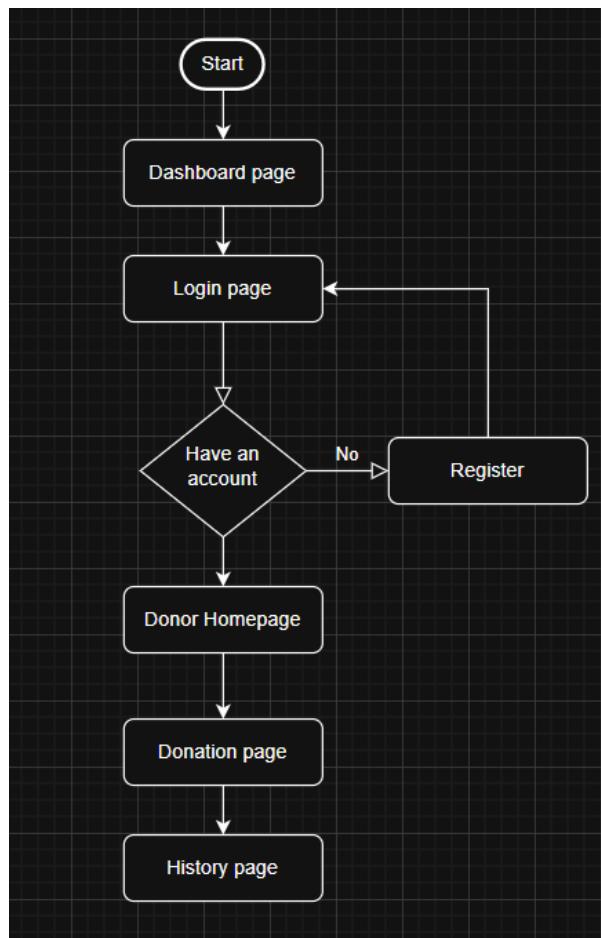
@Override
protected void doGet(HttpServletRequest request, HttpServletResponse
response)
    throws ServletException, IOException {
processRequest(request, response);
}

@Override
protected void doPost(HttpServletRequest request, HttpServletResponse
response)
    throws ServletException, IOException {
processRequest(request, response);
}

@Override
public String getServletInfo() {
    return "Short description";
}
}
```

6.0 DETAIL EXPLANATION

6.1 User (Donor)



1. This is the brief flowchart that explains the donor flow in MediAid. The first page users will see is the Dashboard (Public Home Page), where they can browse information about MediAid, donation causes, and corporate collaborations. If they want to make a donation, they will need to Login. If they don't have an account, they can click the Register button, which will redirect them to the Register Page. After completing the registration successfully, the system redirects them back to the

**CSC508: ENTERPRISE PROGRAMMING
MEDIAID REPORT**

Login Page.

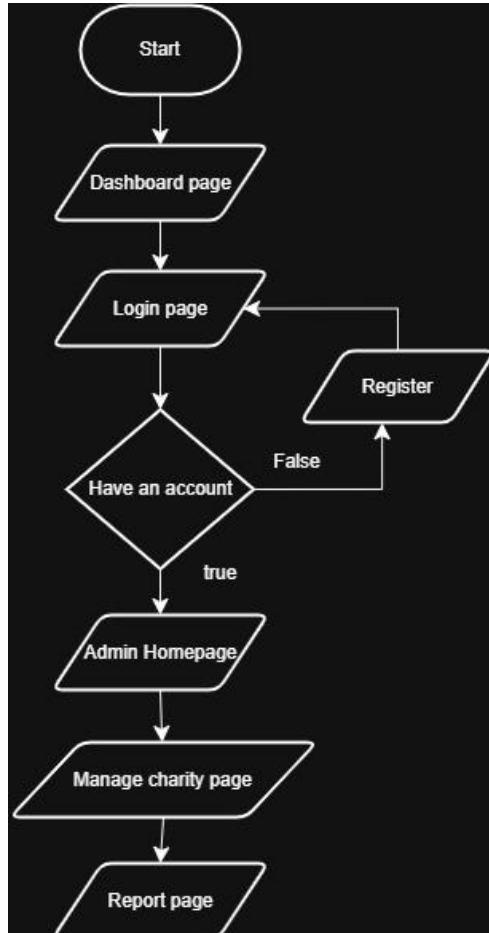
2. Once logged in, donors are taken to their User Dashboard, where they can make donations, view donation history, and logout.

3. In the Home Page (Donor), the navigation bar will include:
 - Home
Display overview of the MediAid platform and highlights of key features.
 - About Us
A brief explanation about our organization, mission, and objectives.
 - Donate Now
Allows donors to select a cause, enter donation amount, payment method, and donation date.
 - History
Shows a record of all previous donations made by the user.
 - Corporate
Displays information about partner companies and their contributions.
 - Contact Us
Shows contact information in case donors need assistance or want to reach out.
 - Log Out
Logs the donor out of the system. To continue donating, users will need to log in again.

4. Donation Process:

Donors will fill out a donation form by choosing their preferred cause, entering the amount, donation date, and payment method. After clicking Donate Now, they will be redirected to the Donation History Page as confirmation, showing that their donation was successfully recorded.

6.2 Admin



1. This is the brief flowchart that explains the **admin flow** in MediAid. The first page users will see is the Dashboard (Public Home Page), where they can browse information about MediAid, donation causes, and corporate collaborations. Admin will need to Login. If they don't have an account, they can click the Register button, which will redirect them to the Register Page. After completing the registration successfully, the system redirects them back to the Login Page.
2. Once logged in, admins are taken to their User Dashboard, where they can make manage charity, which allows them to add or remove charity organization.
5. In the Home Page (Admin), the navigation bar will include:

CSC508: ENTERPRISE PROGRAMMING MEDIAID REPORT

- Home
Display overview of the MediAid platform and highlights of key features.
- Lists
A list of charity details (category, place,date).
- Report
Allows admin to edit charity report (donor details)
- Feedback
Admin can view feedback from donor.
- Logout button
Can terminate the session.

7.0 CONCLUSION

The development of the MediAid web-based system represents a significant step forward in addressing persistent challenges within the medical donation and charity management landscape. In an era where access to healthcare is critically unequal and underserved communities continue to face systemic barriers, MediAid offers a timely, practical, and impactful solution. By creating a centralized and user-friendly platform, this system enables both individuals and corporate entities to engage in meaningful philanthropy with greater ease, confidence, and visibility.

One of the key strengths of MediAid is its focus on transparency, automation, and accountability. Unlike traditional donation methods that often lack structure and real-time updates, MediAid provides donors with complete visibility into the flow of their contributions, ensuring that every donation is traceable from submission to deployment. This promotes greater trust and engagement, while also reducing hesitation among potential contributors.

Moreover, the system streamlines and automates many of the administrative tasks associated with managing donations, donor profiles, and charity requests. This not only reduces the burden on healthcare organizations and administrators but also enhances operational efficiency, allowing them to focus more on delivering medical support where it is needed most.

The platform also supports the scalability of charitable initiatives by offering tools that accommodate growing data, users, and donation records. With its structured architecture based on Java technologies, including JSP, Servlet, and JavaBeans (MVC pattern), the system is designed for long-term reliability, maintainability, and security.

In conclusion, MediAid goes beyond fulfilling its technical and functional objectives. It empowers communities, strengthens donor relationships, and bridges the gap between compassionate intent and actionable support. Through this project, MediAid contributes to a broader mission in making healthcare aid more equitable, efficient, and effective for everyone, particularly for those in critical need. It exemplifies how technology can be harnessed not just for convenience, but for real, measurable humanitarian impact.