**A Mini Project Report**

**On**

**No-Due Onsite**

By

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**ABSTRACT**

No Due form is a full stack web application that allows students to apply no due form and check their progress. Students are supposed to get their no dues cleared from each department at the end of the degree or at any point of time they want to leave the college which is very tedious and pain staking job. Each Student has to go to every particular department to get their no dues form signed from respective authorities of the department so that if there are any dues then it must be cleared. Therefore we are focusing on developing a no dues management system which will generate computerized no dues form showing the dues status. Students in the universities have to come college and apply no due form which is tedious process . After applying students need to go through all the departments for their approvals which may consume a lot of time. To avoid this, our application will allow students to apply no due form online .This application will have 2 login both for student and the admin. Student can see the progress of the nodue form as soon as they apply it. Immediately when a student applied a no due form that request will be sent to the corresponding department . When an admin of some particular department will login he can go through all the requestsof students. On selecting any student request he can see all details of the students and he has the option of either approving or rejecting the request. After approving or rejecting the request that status of the no due form will be stored and it will be visible to the student. When a student who already applied nodue form logins he will be directed to the status of the nodue form. If all the departments accepted their request then the status will show acceptedand student can take the print of the form that is being displayed. On the other hand, admin can can search any student details by entering their roll number. There are three departments accounts,library and sports where based on the id that is used to login ,they will be differentiated and for library manager only students who applied for library and status of the form is processing will be displayed.As a result, this application saves a lot of time for the students and also the management.

**1. Title And Description**

The title of the project is no due Onsite . Through this application students can apply no due forms online. The main target of this system is to lessen the utilization of time usually taken during maintaining the records of the contribution administration. Isolate divisions are created to keep up the records of authority, students, and dues details. As it were, DUEVET has the accompanying objectives: 1. The simple database is maintained. 2. Easy operation for the administrator of the system. 3. UIs are easy to use and appealing, it requires less investment for the administrator to get used to with the system.When a student who already applied nodue form logins he will be directed to the status of the nodue form. If all the departments accepted their request then the status will show accepted and student can take the print of the form that is being displayed. On the other hand, admin can can search any student details by entering their roll number. There are three departments accounts,library and sports where based on the id that is used to login ,they will be differentiated and for library manager only students who applied for library and status of the form is processing will be displayed.

**1.1 Problem definition**

Students should get their no dues cleared from each department at the end of the degree or any point of time they need to leave the college which is extremely tedious and painstaking work. Every Student needs to go to each specific department to get their no dues signed by particular authorities of the department so that if there are any dues then it must be cleared. Along these lines, we are focusing on building up a no dues administration system which will produce computerized no dues form showing the due status.The main target of this system is to lessen the utilization of time usually taken during maintaining the records of the contribution administration.

**1.2Motivation**

Students are supposed to get their no dues cleared from each department at the end of the degree or at any point of time they want to leave the college which is very tedious and pain staking job. Each Student has to go to every particular department to get their no dues form signed from respective authorities of the department so that if there are any dues then it must be cleared. Therefore we are focusing on developing a no dues management system which will generate computerized no dues form showing the dues status.

**1.3Objective**

The main objective of this system, is to reduce the consumption of time usually taken during

maintaining the records of the dues management. Separate divisions are developed to maintain

the records of authority , students, and dues details. In other words, DUEVET has the following

objectives :

1. The simple database is maintained.

2. Easy operation for the administrator of the system.

3. UIs are easy to use and appealing, it requires less investment for the administrator to get used to with the system.

4.Allow students to apply for no due form at any time from any where.

5.Management can process the requests of the students at any time from any where.

**1.4Scope**

This application will have 2 login both for student and the admin. Student can see the progress of the nodue form as soon as they apply it. Immediately when a student applied a no due form that request will be sent to the corresponding department.

When a student who already applied nodue form logins he will be directed to the status of the nodue form. If all the departments accepted their request then the status will show accepted and student can take the print of the form that is being displayed. On the other hand, admin can can search any student details by entering their roll number.

2.**Pages**

The flow of pages of the application is given in the form of flow chart in the following figure

**Figure 1 Activity flow chart**

Home page

login page

student details alumni/hod

fee details student listt

request for nodue form approve nodue

status of nodue form

3. **IMPLEMENTATION/CODE**

**3.1 LoginPage.html**

<!DOCTYPE html>

<html>

<head>

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1"*>

<style>

**body** {font-family: *Arial, Helvetica, sans-serif*;}

**form** {border: *3px solid #f1f1f1*;}

**input**[type=text]**,** **input**[type=password] {

width: *100%*;

padding: *12px 20px*;

margin: *8px 0*;

display: *inline-block*;

border: *1px solid #ccc*;

box-sizing: *border-box*;

}

**button** {

background-color: *#2E9ABC*;

color: *white*;

padding: *14px 20px*;

margin: *8px 0*;

border: *none*;

cursor: *pointer*;

width: *100%*;

}

**button***:hover* {

opacity: *0.8*;

font-weight: *bold*;

}

*.cancelbtn* {

width: *auto*;

padding: *10px 18px*;

font-weight: *bold*;

background-color: *#B1D52B*;

}

*.imgcontainer* {

text-align: *center*;

margin: *24px 0 12px 0*;

}

*.mybtn* {

font-weight: *bold*;

}

**img***.avatar* {

width: *40%*;

border-radius: *50%*;

}

*.container* {

padding: *16px*;

}

**span***.psw* {

float: *right*;

padding-top: *16px*;

}

/\* Change styles for span and cancel button on extra small screens \*/

@media screen and (max-width: 300px) {

**span***.psw* {

display: *block*;

float: *none*;

}

*.cancelbtn* {

width: *100%*;

}

}

</style>

</head>

<body>

<h2 align=*"center"*>WELCOME!</h2><br>

<h3>STUDENT LOGIN</h3>

<form action=*"Loginservlet"* method=*"post"*>

<div class=*"container"*>

<label for=*"uname"*><b>LoginID</b></label>

<input type=*"text"* placeholder=*"Enter Login id"* name=*"uname"* required>

<label for=*"psw"*><b>Password</b></label>

<input type=*"password"* placeholder=*"Enter Password"* name=*"psw"* required>

<button type=*"submit"* class=*"mybtn"*>Login</button>

</div>

</form>

<form action=*"Deptlist.html"*>

<div class=*"container"* style="background-color:*#f1f1f1*">

<button type=*"submit"* class=*"cancelbtn"*>DEPARTMENT LOGIN</button>

</div>

</form>

</body>

</html>

**3.2 Loginservlet.java**

package servletpackage;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.\*;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class Loginservlet

\*/

@WebServlet("/Loginservlet")

public class Loginservlet extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Loginservlet() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

//response.getWriter().append("Served at: ").append(request.getContextPath());

response.setContentType("text/html");

/\*String name = request.getParameter("uname");

String pass = request.getParameter("psw");

PrintWriter pw = response.getWriter();

if(name.equals("sreeja") && pass.equals("vaishu"))

{

pw.print("<b>Successful Login</b></br>");

pw.print("<b>Hi</b> "+name+"</br>");

}

else

pw.print("<b>UnSuccessful Login</b></br>"); \*/

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

//doGet(request, response);

response.setContentType("text/html");

String name = request.getParameter("uname");

String pass = request.getParameter("psw");

PrintWriter pw = response.getWriter();

boolean status=false;

try

{

Class.forName("oracle.jdbc.OracleDriver");

String url = "jdbc:oracle:thin:@localhost:1521:xe";

Connection con= DriverManager.getConnection(url, "system", "vaishu");

Statement stmt = con.createStatement();

ResultSet rs= stmt.executeQuery("select \* from student where Hno='"+name+"'and password='"+pass+"'");

status=rs.next();

if(status)

{

pw.println("<html><head><meta name=\"viewport\" content=\"width=device-width, initial-scale=1\"><style>button {\r\n" +

" background-color: #2E9ABC;\r\n" +

" color: white;\r\n" +

" padding: 14px 20px;\r\n" +

" margin: 8px 0;\r\n" +

" border: none;\r\n" +

" cursor: pointer;\r\n" +

" width: 100%;\r\n" +

"}"

+ "body {font-family: Arial, Helvetica, sans-serif;}"

+ ".mybtn {\r\n" +

" -weight: bold;\r\n" +

"}</style>\r\n" +

"</head><body><h1>STUDENT DETAILS</h1><br><br><b>HallTicket-Number:</b>"+rs.getString(1)+"<br><br><b>Name :</b>"+rs.getString(2)+"<br><br><b>YEAR :</b>"+rs.getInt(4)+"<br><br>"+"<b>SEMESTER :</b>"+rs.getInt(5)+"<br><br>"+"<b>BRANCH :</b>"+rs.getString(6)+"<br><br><br><form action="+"Feeservlet"+" "+"method="+"post"+"><button type="+"submit"+" "+"class="+"button"+">CHECK FEE DETAILS</button></form></body></html>");

//pw.println("successful login");

//RequestDispatcher rd=request.getRequestDispatcher("FormPage.html");

//rd.forward(request, response);

//response.sendRedirect("html/FormPage.html");

}

else

pw.println("unsuccessful login...try again");

}

catch(Exception e)

{

pw.print(e);

}

}

}

**3.3 Feeservlet.java**

package servletpackage;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class Feeservlet

\*/

@WebServlet("/Feeservlet")

public class Feeservlet extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Feeservlet() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

//response.getWriter().append("Served at: ").append(request.getContextPath());

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

//doGet(request, response);

response.setContentType("text/html");

PrintWriter pw = response.getWriter();

String name = request.getParameter("uname");

boolean status=false;

try

{

Class.forName("oracle.jdbc.OracleDriver");

String url = "jdbc:oracle:thin:@localhost:1521:xe";

Connection con= DriverManager.getConnection(url, "system", "vaishu");

Statement stmt = con.createStatement();

// ResultSet rs= stmt.executeQuery("select c.fee,c.specialfee,b.cleared,l.bookfee,lab.due from college c,bank b,library l,labs lab where c.Hno=b.Hno and b.Hno=l.Hno and l.Hno=lab.Hno;");

ResultSet rs= stmt.executeQuery("select c.Hno,c.fee,c.specialfee,b.cleared,lib.bookfee,l.due from college c,bank b,library lib,labs l where c.Hno=l.Hno");

status=rs.next();

if(status)

{

//pw.println("<html><body><h1>FEE DETAILS</h1><br><br><b>COLLEGE FEE :</b>"+rs.getString(1)+"<br><b>SPECIAL FEE :</b>"+rs.getString(2)+"<br><b>AMOUNT CLEARED :</b>"+rs.getString(3)+"<br><b>BOOK FEE :</b>"+rs.getString(4)+"<br><b>DUE :</b>"+rs.getString(5)+"<br></body></html>");

pw.println("<html><head>\r\n" +

"<meta name=\"viewport\" content=\"width=device-width, initial-scale=1\">\r\n" +

"<style>\r\n" +

"body {font-family: Arial, Helvetica, sans-serif;}button {\r\n" +

" background-color: #2E9ABC;\r\n" +

" color: white;\r\n" +

" padding: 14px 20px;\r\n" +

" margin: 8px 0;\r\n" +

" border: none;\r\n" +

" cursor: pointer;\r\n" +

" width: 100%;\r\n" +

"}\r\n" +

"\r\n" +

"button:hover {\r\n" +

" opacity: 0.8;\r\n" +

" font-weight: bold;\r\n" +

"}\r\n" +

".mybtn {\r\n" +

" font-weight: bold;\r\n" +

"}\r\n" +

"</style>\r\n" +

"</head><body><h1>FEE DETAILS :</h1><br><br><b>HALL TICKET NUMBER :</b>"+rs.getString(1)+"<br><br><b>COLLEGE FEE:</b> "+rs.getString(2)+"<br><br><b>SPECIAL FEE</b>"+rs.getString(3)+"<br><br><b>AMOUNT CLEARED :</b>"+rs.getString(4)+"<br><br><b>BOOK FEE :</b>"+rs.getString(5)+"<br><br><b>LABS FEE DUE :</b>"+rs.getString(6)+"<br><br><br><form action="+"Progressservlet"+" "+"method="+"post"+"><button type="+"submit"+"class="+"button"+">NO DUE FORM</button><br><br></form></body></html>");

//pw.println("<html><body><h1>FEE DETAILS : </h1><br><br><br></body></html>");

//pw.println("successful login");

//RequestDispatcher rd=request.getRequestDispatcher("FormPage.html");

//rd.forward(request, response);

//response.sendRedirect("html/FormPage.html");

}

else

pw.println("unsuccessful login...try again");

}

catch(Exception e)

{

pw.print(e);

}

}

}

**3.4 Progressservlet.java**

package servletpackage;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class Progressservlet

\*/

@WebServlet("/Progressservlet")

public class Progressservlet extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Progressservlet() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

//response.getWriter().append("Served at: ").append(request.getContextPath());

response.setContentType("text/html");

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

//doGet(request, response);

response.setContentType("text/html");

PrintWriter pw = response.getWriter();

boolean status=false;

//b=b.equals("");

//pw.println("hiiii "+b);

//pw.println("heyyyyyyyyyyyyy"+b);

try

{

Class.forName("oracle.jdbc.OracleDriver");

String url = "jdbc:oracle:thin:@localhost:1521:xe";

Connection con= DriverManager.getConnection(url, "system", "vaishu");

Statement stmt = con.createStatement();

// ResultSet rs= stmt.executeQuery("select c.fee,c.specialfee,b.cleared,l.bookfee,lab.due from college c,bank b,library l,labs lab where c.Hno=b.Hno and b.Hno=l.Hno and l.Hno=lab.Hno;");

// ResultSet rs= stmt.executeQuery("select c.Hno,c.fee,c.specialfee,b.cleared,lib.bookfee,l.due from college c,bank b,library lib,labs l where c.Hno=l.Hno and c.Hno=);

// ResultSet rs= stmt.executeQuery("select distinct(c.Hno),c.fee,c.specialfee,b.cleared,lib.bookfee,l.due from college c,bank b,library lib,labs l where c.Hno=l.Hno");

// pw.println("haiiiiii"+b);

ResultSet rs= stmt.executeQuery("select \* from approve");

status=rs.next();

// b=rs.getString(1);

//pw.println("heyyyyyy "+b);

// rs= stmt.executeQuery("select distinct(c.Hno),c.fee,c.specialfee,b.cleared,lib.bookfee,l.due from college c,bank b,library lib,labs l where c.Hno=l.Hno and c.Hno="+b+"");

// rs= stmt.executeQuery("select distinct(c.Hno),c.fee,c.specialfee,b.cleared,lib.bookfee,l.due from college c,bank b,library lib,labs l where c.Hno=l.Hno and c.Hno='"+b+"'");

// rs.next();

if(status)

{

//pw.println("<html><body><h1>FEE DETAILS</h1><br><br><b>COLLEGE FEE :</b>"+rs.getString(1)+"<br><b>SPECIAL FEE :</b>"+rs.getString(2)+"<br><b>AMOUNT CLEARED :</b>"+rs.getString(3)+"<br><b>BOOK FEE :</b>"+rs.getString(4)+"<br><b>DUE :</b>"+rs.getString(5)+"<br></body></html>");

pw.println("<html><head>\r\n" +

"<meta name=\"viewport\" content=\"width=device-width, initial-scale=1\">\r\n" +

"<style>\r\n" +

"body {font-family: Arial, Helvetica, sans-serif;}button {\r\n" +

" background-color: #2E9ABC;\r\n" +

" color: white;\r\n" +

" padding: 14px 20px;\r\n" +

" margin: 8px 0;\r\n" +

" border: none;\r\n" +

" cursor: pointer;\r\n" +

" width: 100%;\r\n" +

"}\r\n" +

"\r\n" +

"button:hover {\r\n" +

" opacity: 0.8;\r\n" +

" font-weight: bold;\r\n" +

"}\r\n" +

".mybtn {\r\n" +

" font-weight: bold;\r\n" +

"}\r\n" +

"</style>\r\n" +

"</head><body><h1>PROGRESS :</h1><br><br><b>HALL TICKET NUMBER :</b>"+rs.getString(1)+"<br><br><b>ALUMNI:</b> "+rs.getString(2)+"<br><br><b>HEAD OF THE DEPARTMENT :</b>"+rs.getString(3)+"<br><br><b>PRINCIPAL :</b>"+rs.getString(4)+"<br><br><form action="+"LoginPage.html"+" "+"method="+"post"+"><button type="+"submit"+" "+"class="+"button"+">LOGOUT</button><br><br></form><br><br></body></html>");

//pw.println("<html><body><h1>FEE DETAILS : </h1><br><br><br></body></html>");

//pw.println("successful login"+rs.getString(2));

//RequestDispatcher rd=request.getRequestDispatcher("FormPage.html");

//rd.forward(request, response);

//response.sendRedirect("html/FormPage.html");

//pw.println("successful login");

//RequestDispatcher rd=request.getRequestDispatcher("FormPage.html");

//rd.forward(request, response);

//response.sendRedirect("html/FormPage.html");

}

else

pw.println("unsuccessful login...try again");

}

catch(Exception e)

{

pw.print(e);

}

}

}

**3.5 Deptlist.html**

<!DOCTYPE html>

<html>

<head>

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1"*>

<style>

**body** {font-family: *Arial, Helvetica, sans-serif*;}

**form** {border: *3px solid #f1f1f1*;}

**input**[type=text]**,** **input**[type=password] {

width: *100%*;

padding: *12px 20px*;

margin: *8px 0*;

display: *inline-block*;

border: *1px solid #ccc*;

box-sizing: *border-box*;

}

**button** {

background-color: *#2E9ABC*;

color: *white*;

padding: *14px 20px*;

margin: *8px 0*;

border: *none*;

cursor: *pointer*;

width: *100%*;

}

**button***:hover* {

opacity: *0.8*;

font-weight: *bold*;

}

*.cancelbtn* {

width: *auto*;

padding: *10px 18px*;

font-weight: *bold*;

background-color: *#B1D52B*;

}

*.imgcontainer* {

text-align: *center*;

margin: *24px 0 12px 0*;

}

*.mybtn* {

font-weight: *bold*;

}

</style>

</head>

<body>

<form action=*"Alumni.html"*>

<button type=*"submit"* class=*"mybtn"*>ALUMNI</button>

</form>

<form action=*"HodLogin.html"*>

<button type=*"submit"* class=*"mybtn"*>HEAD OF THE DEPARTMENT</button>

</form>

<form action=*"PrincipalLogin.html"*>

<button type=*"submit"* class=*"mybtn"*>PRINCIPAL</button>

</form>

</body>

</html>

**3.6 Alumni.html**

<!DOCTYPE html>

<html>

<head>

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1"*>

<style>

**body** {font-family: *Arial, Helvetica, sans-serif*;}

**form** {border: *3px solid #f1f1f1*;}

**input**[type=text]**,** **input**[type=password] {

width: *100%*;

padding: *12px 20px*;

margin: *8px 0*;

display: *inline-block*;

border: *1px solid #ccc*;

box-sizing: *border-box*;

}

**button** {

background-color: *#2E9ABC*;

color: *white*;

padding: *14px 20px*;

margin: *8px 0*;

border: *none*;

cursor: *pointer*;

width: *100%*;

}

**button***:hover* {

opacity: *0.8*;

font-weight: *bold*;

}

*.cancelbtn* {

width: *auto*;

padding: *10px 18px*;

font-weight: *bold*;

background-color: *#B1D52B*;

}

*.imgcontainer* {

text-align: *center*;

margin: *24px 0 12px 0*;

}

*.mybtn* {

font-weight: *bold*;

}

**img***.avatar* {

width: *40%*;

border-radius: *50%*;

}

*.container* {

padding: *16px*;

}

**span***.psw* {

float: *right*;

padding-top: *16px*;

}

/\* Change styles for span and cancel button on extra small screens \*/

@media screen and (max-width: 300px) {

**span***.psw* {

display: *block*;

float: *none*;

}

*.cancelbtn* {

width: *100%*;

}

}

</style>

</head>

<body>

<h2 align=*"center"*>WELCOME!</h2><br>

<h3>ALUMNI LOGIN:</h3>

<form action=*"Duelist"* method=*"post"*>

<div class=*"container"*>

<label for=*"uname"*><b>LoginID</b></label>

<input type=*"text"* placeholder=*"Enter Login id"* name=*"uname"* required>

<label for=*"psw"*><b>Password</b></label>

<input type=*"password"* placeholder=*"Enter Password"* name=*"psw"* required>

<button type=*"submit"* class=*"mybtn"*>Login</button>

</div>

</form>

</body>

</html>

**3.7 Duelist.java**

package servletpackage;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class Duelist

\*/

@WebServlet("/Duelist")

public class Duelist extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Duelist() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

//response.getWriter().append("Served at: ").append(request.getContextPath());

response.setContentType("text/html");

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

//doGet(request, response);

response.setContentType("text/html");

//String name = request.getParameter("uname");

//String pass = request.getParameter("psw");

PrintWriter pw = response.getWriter();

boolean status=false;

try

{

Class.forName("oracle.jdbc.OracleDriver");

String url = "jdbc:oracle:thin:@localhost:1521:xe";

Connection con= DriverManager.getConnection(url, "system", "vaishu");

Statement stmt = con.createStatement();

ResultSet rs= stmt.executeQuery("select \* from student");

while(rs.next())

{

pw.println("<html><head><meta name=\"viewport\" content=\"width=device-width, initial-scale=1\">\r\n" +

"<style>\r\n" +

"body {font-family: Arial, Helvetica, sans-serif;}\r\n" +

"form {border: 3px solid #f1f1f1;}\r\n" +

"\r\n" +

"input[type=text], input[type=password] {\r\n" +

" width: 100%;\r\n" +

" padding: 12px 20px;\r\n" +

" margin: 8px 0;\r\n" +

" display: inline-block;\r\n" +

" border: 1px solid #ccc;\r\n" +

" box-sizing: border-box;\r\n" +

"}\r\n" +

"\r\n" +

"button {\r\n" +

" background-color: #2E9ABC;\r\n" +

" color: white;\r\n" +

" padding: 14px 20px;\r\n" +

" margin: 8px 0;\r\n" +

" border: none;\r\n" +

" cursor: pointer;\r\n" +

" width: 100%;\r\n" +

"}\r\n" +

"\r\n" +

"button:hover {\r\n" +

" opacity: 0.8;\r\n" +

" font-weight: bold;\r\n" +

"}\r\n" +

"\r\n" +

".cancelbtn {\r\n" +

" width: auto;\r\n" +

" padding: 10px 18px;\r\n" +

" font-weight: bold;\r\n" +

" background-color: #B1D52B;\r\n" +

"}\r\n" +

"\r\n" +

".imgcontainer {\r\n" +

" text-align: center;\r\n" +

" margin: 24px 0 12px 0;\r\n" +

"}\r\n" +

".mybtn {\r\n" +

" font-weight: bold;\r\n" +

"}\r\n" +

"\r\n" +

"img.avatar {\r\n" +

" width: 40%;\r\n" +

" border-radius: 50%;\r\n" +

"}\r\n" +

"\r\n" +

".container {\r\n" +

" padding: 16px;\r\n" +

"}\r\n" +

"\r\n" +

"span.psw {\r\n" +

" float: right;\r\n" +

" padding-top: 16px;\r\n" +

"}\r\n" +

"\r\n" +

"/\* Change styles for span and cancel button on extra small screens \*/\r\n" +

"@media screen and (max-width: 300px) {\r\n" +

" span.psw {\r\n" +

" display: block;\r\n" +

" float: none;\r\n" +

" }\r\n" +

" .cancelbtn {\r\n" +

" width: 100%;\r\n" +

" }\r\n" +

"}\r\n" +

"</style>\r\n" +

"</head><body><form action="+"Alumniapprove"+" "+"method="+"post"+"><div class=\"container\"><button class="+"cancelbtn"+" type="+"submit"+"name="+"rollbutton"+" value="+"rs.getString(1)"+">"+rs.getString(1)+"</button></div></form></body></html>");

}

// status=rs.next();

/\* if(status)

{

pw.println("<html><head><meta name=\"viewport\" content=\"width=device-width, initial-scale=1\"><style>button {\r\n" +

" background-color: #2E9ABC;\r\n" +

" color: white;\r\n" +

" padding: 14px 20px;\r\n" +

" margin: 8px 0;\r\n" +

" border: none;\r\n" +

" cursor: pointer;\r\n" +

" width: 100%;\r\n" +

"}"

+ "body {font-family: Arial, Helvetica, sans-serif;}"

+ ".mybtn {\r\n" +

" -weight: bold;\r\n" +

"}</style>\r\n" +

"</head><body><h1>STUDENT DETAILS</h1><br><br><b>HallTicket-Number:</b>"+rs.getString(1)+"<br><br><b>Name :</b>"+rs.getString(2)+"<br><br><b>YEAR :</b>"+rs.getInt(4)+"<br><br>"+"<b>SEMESTER :</b>"+rs.getInt(5)+"<br><br>"+"<b>BRANCH :</b>"+rs.getString(6)+"<br><br><br><form action="+"Feeservlet"+" "+"method="+"post"+"><button type="+"submit"+" "+"class="+"button"+">CHECK FEE DETAILS</button></form></body></html>");

//pw.println("successful login");

//RequestDispatcher rd=request.getRequestDispatcher("FormPage.html");

//rd.forward(request, response);

//response.sendRedirect("html/FormPage.html");

}

else

pw.println("unsuccessful login...try again");\*/

}

catch(Exception e)

{

pw.print(e);

}

}

}

**3.8 Alumniapprove.java**

package servletpackage;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class Alumniapprove

\*/

@WebServlet("/Alumniapprove")

public class Alumniapprove extends HttpServlet {

String b;

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Alumniapprove() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

//response.getWriter().append("Served at: ").append(request.getContextPath());

response.setContentType("text/html");

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

//doGet(request, response);

response.setContentType("text/html");

b = request.getParameter("rollbutton");

//String pass = request.getParameter("psw");

PrintWriter pw = response.getWriter();

boolean status=false;

//b=b.equals("");

//pw.println("hiiii "+b);

//pw.println("heyyyyyyyyyyyyy"+b);

try

{

Class.forName("oracle.jdbc.OracleDriver");

String url = "jdbc:oracle:thin:@localhost:1521:xe";

Connection con= DriverManager.getConnection(url, "system", "vaishu");

Statement stmt = con.createStatement();

// ResultSet rs= stmt.executeQuery("select c.fee,c.specialfee,b.cleared,l.bookfee,lab.due from college c,bank b,library l,labs lab where c.Hno=b.Hno and b.Hno=l.Hno and l.Hno=lab.Hno;");

// ResultSet rs= stmt.executeQuery("select c.Hno,c.fee,c.specialfee,b.cleared,lib.bookfee,l.due from college c,bank b,library lib,labs l where c.Hno=l.Hno and c.Hno=);

// ResultSet rs= stmt.executeQuery("select distinct(c.Hno),c.fee,c.specialfee,b.cleared,lib.bookfee,l.due from college c,bank b,library lib,labs l where c.Hno=l.Hno");

// pw.println("haiiiiii"+b);

ResultSet rs= stmt.executeQuery("select \* from student");

status=rs.next();

b=rs.getString(1);

//pw.println("heyyyyyy "+b);

// rs= stmt.executeQuery("select distinct(c.Hno),c.fee,c.specialfee,b.cleared,lib.bookfee,l.due from college c,bank b,library lib,labs l where c.Hno=l.Hno and c.Hno="+b+"");

rs= stmt.executeQuery("select distinct(c.Hno),c.fee,c.specialfee,b.cleared,lib.bookfee,l.due from college c,bank b,library lib,labs l where c.Hno=l.Hno and c.Hno='"+b+"'");

rs.next();

if(status)

{

//pw.println("<html><body><h1>FEE DETAILS</h1><br><br><b>COLLEGE FEE :</b>"+rs.getString(1)+"<br><b>SPECIAL FEE :</b>"+rs.getString(2)+"<br><b>AMOUNT CLEARED :</b>"+rs.getString(3)+"<br><b>BOOK FEE :</b>"+rs.getString(4)+"<br><b>DUE :</b>"+rs.getString(5)+"<br></body></html>");

pw.println("<html><head>\r\n" +

"<meta name=\"viewport\" content=\"width=device-width, initial-scale=1\">\r\n" +

"<style>\r\n" +

"body {font-family: Arial, Helvetica, sans-serif;}button {\r\n" +

" background-color: #2E9ABC;\r\n" +

" color: white;\r\n" +

" padding: 14px 20px;\r\n" +

" margin: 8px 0;\r\n" +

" border: none;\r\n" +

" cursor: pointer;\r\n" +

" width: 100%;\r\n" +

"}\r\n" +

"\r\n" +

"button:hover {\r\n" +

" opacity: 0.8;\r\n" +

" font-weight: bold;\r\n" +

"}\r\n" +

".mybtn {\r\n" +

" font-weight: bold;\r\n" +

"}\r\n" +

"</style>\r\n" +

"</head><body><h1>FEE DETAILS :</h1><br><br><b>HALL TICKET NUMBER :</b>"+rs.getString(1)+"<br><br><b>COLLEGE FEE:</b> "+rs.getString(2)+"<br><br><b>SPECIAL FEE</b>"+rs.getString(3)+"<br><br><b>AMOUNT CLEARED :</b>"+rs.getString(4)+"<br><br><b>BOOK FEE :</b>"+rs.getString(5)+"<br><br><b>LABS FEE DUE :</b>"+rs.getString(6)+"<br><br><br><form action="+"Insertservlet"+" "+"method="+"post"+"><button type="+"submit"+" "+"class="+"button"+">APPROVE</button><br><br></form><br><br></body></html>");

//pw.println("<html><body><h1>FEE DETAILS : </h1><br><br><br></body></html>");

//pw.println("successful login"+rs.getString(2));

//RequestDispatcher rd=request.getRequestDispatcher("FormPage.html");

//rd.forward(request, response);

//response.sendRedirect("html/FormPage.html");

//pw.println("successful login");

//RequestDispatcher rd=request.getRequestDispatcher("FormPage.html");

//rd.forward(request, response);

//response.sendRedirect("html/FormPage.html");

}

else

pw.println("unsuccessful login...try again");

}

catch(Exception e)

{

pw.print(e);

}

}

}

**3.9 Insertservlet.java**

package servletpackage;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class Insertservlet

\*/

@WebServlet("/Insertservlet")

public class Insertservlet extends HttpServlet {

String b;

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Insertservlet() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

//response.getWriter().append("Served at: ").append(request.getContextPath());

response.setContentType("text/html");

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

//doGet(request, response);

response.setContentType("text/html");

b = request.getParameter("rollbutton");

//String pass = request.getParameter("psw");

PrintWriter pw = response.getWriter();

boolean status=false;

try

{

Class.forName("oracle.jdbc.OracleDriver");

String url = "jdbc:oracle:thin:@localhost:1521:xe";

Connection con= DriverManager.getConnection(url, "system", "vaishu");

Statement stmt = con.createStatement();

// ResultSet rs= stmt.executeQuery("select c.fee,c.specialfee,b.cleared,l.bookfee,lab.due from college c,bank b,library l,labs lab where c.Hno=b.Hno and b.Hno=l.Hno and l.Hno=lab.Hno;");

// ResultSet rs= stmt.executeQuery("select c.Hno,c.fee,c.specialfee,b.cleared,lib.bookfee,l.due from college c,bank b,library lib,labs l where c.Hno=l.Hno and c.Hno=);

// ResultSet rs= stmt.executeQuery("select distinct(c.Hno),c.fee,c.specialfee,b.cleared,lib.bookfee,l.due from college c,bank b,library lib,labs l where c.Hno=l.Hno");

// pw.println("haiiiiii"+b);

ResultSet rs= stmt.executeQuery("select \* from student");

status=rs.next();

b=rs.getString(1);

//pw.println("heyyyyyy "+b);

// rs= stmt.executeQuery("select distinct(c.Hno),c.fee,c.specialfee,b.cleared,lib.bookfee,l.due from college c,bank b,library lib,labs l where c.Hno=l.Hno and c.Hno="+b+"");

rs= stmt.executeQuery("update approve set alumni="+"'Signed'"+" where Hno='"+b+"'");

rs.next();

if(status)

{

//pw.println("<html><body><h1>FEE DETAILS</h1><br><br><b>COLLEGE FEE :</b>"+rs.getString(1)+"<br><b>SPECIAL FEE :</b>"+rs.getString(2)+"<br><b>AMOUNT CLEARED :</b>"+rs.getString(3)+"<br><b>BOOK FEE :</b>"+rs.getString(4)+"<br><b>DUE :</b>"+rs.getString(5)+"<br></body></html>");

/\*pw.println("<html><head>\r\n" +

"<meta name=\"viewport\" content=\"width=device-width, initial-scale=1\">\r\n" +

"<style>\r\n" +

"body {font-family: Arial, Helvetica, sans-serif;}button {\r\n" +

" background-color: #2E9ABC;\r\n" +

" color: white;\r\n" +

" padding: 14px 20px;\r\n" +

" margin: 8px 0;\r\n" +

" border: none;\r\n" +

" cursor: pointer;\r\n" +

" width: 100%;\r\n" +

"}\r\n" +

"\r\n" +

"button:hover {\r\n" +

" opacity: 0.8;\r\n" +

" font-weight: bold;\r\n" +

"}\r\n" +

".mybtn {\r\n" +

" font-weight: bold;\r\n" +

"}\r\n" +

"</style>\r\n" +

"</head><body><h1>FEE DETAILS :</h1><br><br><b>HALL TICKET NUMBER :</b>"+rs.getString(1)+"<br><br><b>COLLEGE FEE:</b> "+rs.getString(2)+"<br><br><b>SPECIAL FEE</b>"+rs.getString(3)+"<br><br><b>AMOUNT CLEARED :</b>"+rs.getString(4)+"<br><br><b>BOOK FEE :</b>"+rs.getString(5)+"<br><br><b>LABS FEE DUE :</b>"+rs.getString(6)+"<br><br><br><form action="+"Approved.html"+" "+"method="+"post"+"><button type="+"submit"+" "+"class="+"button"+">APPROVE</button><br><br></form><br><br></body></html>");

\*/

//pw.println("<html><body><h1>FEE DETAILS : </h1><br><br><br></body></html>");

//pw.println("successful login"+rs.getString(2));

RequestDispatcher rd=request.getRequestDispatcher("Approved.html");

rd.forward(request, response);

//response.sendRedirect("html/FormPage.html");

//response.sendRedirect("html/Approved.html");

//pw.println("successful login");

//RequestDispatcher rd=request.getRequestDispatcher("FormPage.html");

//rd.forward(request, response);

//response.sendRedirect("html/FormPage.html");

}

else

pw.println("unsuccessful login...try again");

}

catch(Exception e)

{

pw.print(e);

}

}

}

**5. CONCLUSION AND FUTURE WORK**

For this, both the management and the student should work properly. And should maintain the software database clearly. This is very useful in the college institutions and also other type of small institutions. Future work will focus on improving the UI part of the project which will help the students and admin as it becomes more user friendly.More number of layers to be added in the nodue application. At present we have 3 layers they are library,accountssection,sports. Moreover,we should allow the students to download the file of nodue form after accepting so that they can take copy of it which will be useful in future.

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