Main menu form (mainscreen.jsp)

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

<head>

<script src="myjs.js" type="text/javascript"></script>

<script type="text/javascript"> </script>

<script src="myjs.js" type="text/javascript"></script>

<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>Registration</title>

<style>

input[type=text], select {

width: 100%;

padding: 12px 20px;

margin: 8px 0;

display: inline-block;

border: 1px solid #ccc;

border-radius: 4px;

box-sizing: border-box;

}

input[type=password], select {

width: 100%;

padding: 12px 20px;

margin: 8px 0;

display: inline-block;

border: 1px solid #ccc;

border-radius: 4px;

box-sizing: border-box;

}

input[type=submit] {

width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

input[type=reset] {

width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

input[type=button] {

width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

input[type=submit]:hover {

background-color: #45a049;

}

div {

border-radius: 5px;

background-color: #f2f2f2;

padding: 20px;

}

p {

font-family: "Times New Roman", Times, serif;

}

</style>

</head>

<body>

<form method="post" >

<center>

<table border="0" width="30%" cellpadding="5">

<thead>

<tr>

<th colspan="2">ATM Menu</th>

</tr>

</thead>

<tbody>

<tr>

<td><a href="FrmBalance.jsp">Balance</a>

<td><a href="FrmDeposit.jsp">Deposit</a>

<td><a href="FrmWithdrawal.jsp">Withdraw</a>

<td><a href="quit.jsp">Quit</a>

</tr>

</tbody>

</table>

</center>

</form>

</body>

</html>

Form to show the balance (FrmBalance.jsp)

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<%@ page import="java.sql.\*" %>

<%@ page import="java.io.\*" %>

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>Account Balance</title>

<style>

input[type=text], select {

width: 100%;

padding: 12px 20px;

margin: 8px 0;

display: inline-block;

border: 1px solid #ccc;

border-radius: 4px;

box-sizing: border-box;

}

input[type=password], select {

width: 100%;

padding: 12px 20px;

margin: 8px 0;

display: inline-block;

border: 1px solid #ccc;

border-radius: 4px;

box-sizing: border-box;

}

input[type=submit] {

width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

input[type=reset] {

width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

input[type=button] {

width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

input[type=submit]:hover {

background-color: #45a049;

}

div {

border-radius: 5px;

background-color: #f2f2f2;

padding: 20px;

}

p {

font-family: "Times New Roman", Times, serif;

}

</style>

<%

try {

Class.forName("com.mysql.jdbc.Driver").newInstance();

String Host = "jdbc:mysql://localhost:3306/atm\_db";

Connection connection = null;

Statement statement = null;

ResultSet rs = null;

connection = DriverManager.getConnection(Host, "root", "pass");

statement = connection.createStatement();

String Data = "SELECT SUM(amount) FROM balance";

rs = statement.executeQuery(Data);

%>

<table border="1">

<tr width="10" bgcolor="#9979">

<td>Your account balance is:</td>

</tr>

<%

while (rs.next()) {

%>

<TR>

<TD><%=rs.getString("SUM(amount)")%></TD>

</TR>

<% } %>

</table>

<%

rs.close();

statement.close();

connection.close();

} catch (Exception ex) {

out.println("Can’t connect to database.");

}

%>

</body>

</html>

Form to accept deposits (FrmDeposit.jsp)

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

<head>

<script src="testjs.js" type="text/javascript"></script>

<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>Deposit</title>

<style>

input[type=text], select {

width: 100%;

padding: 12px 20px;

margin: 8px 0;

display: inline-block;

border: 1px solid #ccc;

border-radius: 4px;

box-sizing: border-box;

}

input[type=password], select {

width: 100%;

padding: 12px 20px;

margin: 8px 0;

display: inline-block;

border: 1px solid #ccc;

border-radius: 4px;

box-sizing: border-box;

}

input[type=submit] {

width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

input[type=reset] {

width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

input[type=button] {

width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

input[type=submit]:hover {

background-color: #45a049;

}

div {

border-radius: 5px;

background-color: #f2f2f2;

padding: 20px;

}

p {

font-family: "Times New Roman", Times, serif;

}

</style>

</head>

<body>

<form method="post" name="FrmDeposit" id="FrmDeposit" action="deposit.jsp" >

<center>

<table border="0" width="30%" cellpadding="5">

<thead>

<tr>

<th colspan="2">Details</th>

</tr>

</thead>

<tbody>

<tr>

<td>Deposit Amount</td>

<td><input type="text" name="fdeposit" value="" /></td>

</tr>

<tr>

<td><input type="submit" value="Deposit" onclick="ValidateDeposit();" /></td>

<td><input type="reset" value="Cancel" /></td>

</tr>

</tbody>

</table>

</center>

</form>

</body>

</html>

Form to do the withdrwal (FrmWithdrawal)

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

<head>

<script src="testjs.js" type="text/javascript"></script>

<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>Withdrawal</title>

<style>

input[type=text], select {

width: 100%;

padding: 12px 20px;

margin: 8px 0;

display: inline-block;

border: 1px solid #ccc;

border-radius: 4px;

box-sizing: border-box;

}

input[type=password], select {

width: 100%;

padding: 12px 20px;

margin: 8px 0;

display: inline-block;

border: 1px solid #ccc;

border-radius: 4px;

box-sizing: border-box;

}

input[type=submit] {

width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

input[type=reset] {

width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

input[type=button] {

width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

input[type=submit]:hover {

background-color: #45a049;

}

div {

border-radius: 5px;

background-color: #f2f2f2;

padding: 20px;

}

p {

font-family: "Times New Roman", Times, serif;

}

</style>

</head>

<body>

<form method="post" name="FrmWithdrawal" action="withdrawal.jsp">

<center>

<table border="0" width="30%" cellpadding="5">

<thead>

<tr>

<th colspan="2">Details</th>

</tr>

</thead>

<tbody>

<tr>

<td>Withdrawal Amount</td>

<td><input type="text" name="fwithdraw" id="fwithdraw" value="" /></td>

</tr>

<tr>

<td><input type="submit" value="Withdraw" onclick="ValidateWithdrawal();" /></td>

<td><input type="reset" value="Cancel" /></td>

</tr>

</tbody>

</table>

</center>

</form>

</body>

</html>

Code to save deposit amount to database (deposit.jsp)

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<%@ page import ="java.sql.\*" %>

<%

String Adeposit = request.getParameter("fdeposit");

String Type = "Deposit";

Class.forName("com.mysql.jdbc.Driver");

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/atm\_db",

"root", "pass");

Statement st = con.createStatement();

//ResultSet rs;

int i = st.executeUpdate ("insert into balance(Amount,trxtype,trxdate) values ('" + Adeposit + "','" + Type + "', CURDATE())");

if (i > 0) {

//session.setAttribute("userid", user);

response.sendRedirect("mainScreen.jsp");

// out.print("Registration Successfull!"+"<a href='index.jsp'>Go to Login</a>");

} else {

response.sendRedirect("index.jsp");

}

%>

Code to save withdrawal amount to database (withdrawal.jsp)

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<%@ page import ="java.sql.\*" %>

<%

String Xwithdraw = request.getParameter("fwithdraw");

String Type ="Withdrawal";

Integer result = Integer.valueOf(Xwithdraw);

Integer Xnegate = -1;

Integer wAmount = Xnegate \* result;

String amtWithdraw = Integer.toString(wAmount);

//String Xnegate = -1 \* Xwithdraw;

Class.forName("com.mysql.jdbc.Driver");

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/atm\_db",

"root", "pass");

Statement st = con.createStatement();

//ResultSet rs;

int i = st.executeUpdate ("insert into balance(Amount,trxtype,trxdate) values ('" + amtWithdraw + "','" + Type + "', CURDATE())");

if (i > 0) {

//session.setAttribute("userid", user);

response.sendRedirect("mainScreen.jsp");

out.print("Transaction Successfull");

} else {

response.sendRedirect("index.jsp");

}

%>

Javascript file to validate data (test.js)

function ValidateDeposit(){

var DepAmount=document.FrmDeposit.fdeposit.value;

if (DepAmount > 40000){

alert("You can't deposit amounts greater than 40,000.");

document.FrmDeposit.fdeposit.focus();

}

}

function Validatewithdrawal(){

var WithAmount=document.Frmwithdraw.fwithdraw.value;

if (WithAmount >20001){

alert("You can't withdraw amounts greater than 20,000.");

document.FrmWithdraw.fwithdraw.focus();

}

}

function LoadDeposits(){

alert("Testing Function!");

$.ajax({

type: "GET",

url:"http://localhost:8080/AtmProject/getDeposits",

dataType: "json",

success: function (data) {

$.each(data.aaData,function(i,obj)

{

alert(obj.value+":"+obj.text);

var div\_data= "+obj.value+";

alert(div\_data);

$(div\_data).appendTo('#dropdown');

});

}

});

};

function validateDeposit(){

alert("Testing Validation");

if( document.FrmDeposit.fdeposit.value === "" )

{

alert( "Please provide your deposit amount!" );

document.FrmDeposit.fdeposit.focus();

return false;

}

}

function validateWithdraw(){

alert("Testing Validation");

if( document.FrmWithdraw.fwithdraw.value === "" )

{

alert( "Please provide your deposit amount!" );

document.FrmWithdraw.fwithdraw.focus();

return false;

}

}

function validateD(){

var x=document.Frmwithdraw.fwithdraw.value;

if (x == "") {

alert("Amount to withdraw must be filled out");

document.FrmDeposit.fdeposit.focus();

return false;

}

};