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**ACKNOWLEDGEMENT**

Before getting into the thick of the things, we would like to express our deep gratitude to the people who helped us during the course of this project. We are grateful to our project guide **Mr. Rahul Desai** for her guidance throughout this project research and work

We also wish to thank all the faculty members of Information Technology and our respectable Head of Department **Prof. D G Auradkar** for their constant help and efficient teaching procedures,

**Names of students:**

**Anil yadav(4307)**

**N Karthik(4331)**

**Pradeep Deshwal(4337)**

1. ABSTRACT

Exam Software is a Test Management Software, which offers a complete solution for Computer Based Test (CBT) .They are used to set up multiple choice tests  for set time periods that when submitted are automatically corrected and the results logged beside the student's reference number.

### FEATURES

* Administrator login.
* Student registration.
* Management and update of student information ,instructions and questions.
* scope for fixing negative marks and maximum marks to each question.
* Display of result in the form of total score ,correct responses attempted and non attempted questions.

**WHAT IMPACT DOES IT HAVE**

* Physical presence at a given location is absolutely not necessary.
* No time is spent on evaluation.
* Results are available instantly.
* The time of starting and completion of examination can be recorded at the server and the student cannot manipulate the same.
* Even for subjects that the actual examination that will not be conducted online students can be given extensive practice and training by holding online Mock Tests.
* Almost all competitive exams are multiple choice types and these can be easily conducted online, for example GCET - Goa Common Entrance Test held to shortlist candidates for medical and engineering courses.
* Trends of the examination including topic wise trends of each subject can be easily obtained if required.

2. INTRODUCTION

**PURPOSE**

* The purpose of on-line test simulator is to take online test in an efficient manner and no time wasting for checking the paper.
* The main objective of on-line test is to efficiently evaluate the candidate thoroughly through a fully automated system that not only saves lot of time but also gives fast results.
* For students they give papers according to their convenience and time and there is no need of using extra thing like paper, pen etc.

**SCOPE**

Scope of this project is very broad in terms of other manually taking exams.

Few of them are:-

* This can be used in educational institutions as well as in corporate world.
* No restriction that examiner has to be present when the candidate takes the test.

**FEATURES:**

* Secure
* Easy to use
* Reliable and accurate
* No need of examiner

**OVEVIEW**

The online test created for taking online test has following stages

* Login
* Test
* Result

**LOGIN:**-

* There is a quality login window because this is more secure than other login forms as in a normal login window there are multiple logins available so that more than one person can access to test with their individual login.
* It include two login windows one for administrator and another one for student.

**TEST:**

* Test page is the most creative and important page in this project. It
* consists of 2 modules namely:
* Subject selection
* Utilities
* **Utilities:-**

It includes:-

* Skip and come back to the question afterwards ifneeded.
* Gives the list of attempted and unattempted questions and can go to any question directly and can either attempt or change the answer of the already attempted question.

**TECHNOLOGIES USED**

* **Front end as**:

Eclipse Platform

* **Back end as:**

Oracle

* **Database:**

Oracle

* **Querying language:**

SQL

3. SPECIFIC REQUIREMENTS:

External interface utilised:

### HARDWARE

1.) Minimum 5 GB space in HDD

2.) IBN Net vista Pentium 4 1.7 GHz

3.) 256 MB DDR SDRAM

4.) GB ULTRA HDD 7200 RPM

5.) 48 x CD ROM

6.) 15 `` color monitor

### SOFTWARE

1. Eclipse Platform

2. Windows 7 (Ultimate)

3. ODBC Driver

4. Oracle DBMS with SQL 8.0 Plus

**Introduction to Java**

* Java is Object oriented, Multi-threading language developed by Sun Microsystems in 1991.
* It is designed to be small, simple and portable across different platforms as well as OS.

**Features of Java :**

Syntax based on C++

* Object-oriented
* Support for Internet applications
* Extensive library of prewritten classes
* Portability among platforms
* Built-in networking security as JRE is inaccessible to other parts of computer

**Java Programs:**

* **Applets:**
  + Small programs designed to add interactivity to Web sites
  + Downloaded with the Web page and launched by the Internet browser
* **Servlets :**
  + Run by Web server on the server
  + Typically generate Web content
* **Applications:**
  + Programs that run standalone on a client

**Java Servlets:**

* Servlets are server side applets that are loaded and executed by a web server in the same manner that applets are loaded and executed by a web browser.
* Java Servlets are useful to create Dynamic pages. Depending upon my input server will give an output

**Features of Servlets:**

* Database Connectivity
  + Insert/Update/delete/drop
  + Select
* Servlets Chaining
* Server Side Includes
* Applet Servlet Communication
* Interservlet Communication
* Page Compilation
* Session Tracking

**JSP:**

**Introduction:**

* As a Java-based technology, it enjoys all of the advantages that the java language provides with respect to development and deployment.
* JSP runs on major web platforms.
* Client (web browser) makes a request via an HTTP.
* The web server receives the request and sends it to the Servlets/JSP engine. If the Servlets/JSP is not loaded, the web server will load it into the JVM and execute it.
* Web server returns response to the Client.

**JSP Directives:** They generate side effects that are change the way the JSP container processes the page.

**Implicit Objects:**

* + Request
  + Response
  + Out
  + Session
  + Application
  + Page Context
  + Exception

**JSP Actions:** The JSP actions allow the transfer of control between pages.

* Forward
* Include
* Plug-in

**JavaScript:**

**A scripting language is a lightweight programming language which is basically responsible for**

* + Creating Dynamic Pages.
  + Respond to the events.
  + Read and Write HTML Elements.
  + Validate Data.

**Functions:**

* Functions are useful to a programmer when certain tasks are to be repeated during the course of the program. They are defined by name and invoked with the same. The functions can take parameters and return result using return statement.
* Recursive Functions are functions that call themselves.

**Events:**

* Events are signals generated when specific event occurs. Event handlers are scripts written by the programmer to take advantages of events in JavaScript. Eg:

blur : Occurs when user clicks outside a field.

click: Occurs when user clicks inside a field.

change: Occurs when user changes a field.

focus : Occurs when user focuses over a field

**E-R diagram**

Administrator

updates

updates

updates

updates

sett Question

Rules Question

attemptss

questionQuestion

student Question

Result Question

gets

**CONVERTING E-R INTO TABLES**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Field name** | **Data Type** | **Description** |
| 1. | STUD\_ID(pk) | NUMBER(8) | Student identification number |
| 2 | STUD\_NAME | VARCHAR2(10) | Name of student |
| 3 | PHONE | NUMBER(10) | Student’s contact number |
| 4 | PWD | VARCHAR2(8) | Password |

STUDENT- TABLE

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Field name** | **Data Type** | **Description** |
| 1. | STUD\_ID(pk) | NUMBER(8) | Student identification number |
| 2 | Q\_ID(pk) | NUMBER(2) | Question id |
| 3 | ANSGIVEN | NUMBER(1) | Response |
| 4 | MARKS | NUMBER(1) | Marks of each question |

ATTEMPT- TABLE

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Field name** | **Data Type** | **Description** |
| 1. | STUD\_ID(pk) | NUMBER(4) | Student identification number |
| 2 | Q\_ATTEMPTED | NUMBER(2) | Questions attempted |
| 3 | Q\_CORRECT | NUMBER(3) | Correct responses |
| 4 | T\_MARKS | NUMBER(3) | Total marks |

RESULT- TABLE

SETT- TABLE

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Field name** | **Data Type** | **Description** |
| 1. | TIME | NUMBER(2) | Time duration |
| 2 | NMARKS | NUMBER(2) | Negative Marks |
| 3 | PMARKS | NUMBER(2) | Positive Marks |

QUESTION- TABLE

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Field name** | **Data Type** | **Description** |
| 1 | Q\_ID | NUMBER(2) | Question id |
| 2 | QUES | VARCHAR2(100) | Question |
| 3 | ANS | NUMBER(1) | Correct answer of question |
| 4 | AUTHOR | VARCHAR2(20) | Author |
| 5 | OP1 | VARCHAR2(40) | Option 1 |
| 6 | OP2 | VARCHAR2(40) | Option2 |
| 7 | OP3 | VARCHAR2(40) | Option3 |
| 8 | OP4 | VARCHAR2(40) | Option4 |

**RELATIONAL DATABASE DESIGN**

The database consists of following tables:

* Student table
* Attempt table
* result table
* question table
* setting table
* rules
* Administrator updates student table where primary key is stud\_id its other attributes like password , name, phone are dependent on it. ‘Attempt‘ is a many to one relationship between entities student and question .
* ‘Attempt’ contains composite primary keys (stud\_id,q\_id).its attributes are dependent on this composite primary key,stud\_id,q\_id act as foreign key for both student table and question table.
* Question table contains q\_id as its primary key which uniquely defines the entire question table.
* ‘Gets’ relationship connects student and result entities where primary key is stud\_id.
* Administrator updates setting table which contains positive marks, negative marks, time limit, total marks.
* Administrator also updates rules or instructions.

**SOURCE CODE**

**PAGE:page1.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>AIT EXAM</title>

</head>

<body background="img36.jpg">

<center>

<table cellpadding=8 cellspacing=8 border="10" bgcolor="transparent">

<th bgcolor="transparent" colspan=2>

<IMG style="WIDTH: 120px; HEIGHT: 90px" height=90 src="aitlogo2.gif" width=115 > <BR>

<font face="Times New Roman" color=white size=15 >ARMY INSTITUTE OF TECHNOLOGY</FONT><BR></th>

<tr bgcolor="transparent">

<td valign=top>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

DEPARTMENT OF INFORMATION TECHNOLOGY<BR><BR></font>

<font face="Times New Roman" color=LIGHTYELLOW size=5>

<MARQUEE direction=left WIDTH=100% BEHAVIOR=SCROLL BGColor=TRANSPARENT >ONLINE EXAMINATION</MARQUEE><BR><BR>

<input type="button" value=" STUDENT LOGIN " onclick="location.href='studlog.jsp'" ><br><BR>

<input type="button" value="ADMINISTRATOR LOGIN" onclick="location.href='adminlogin.jsp'"><br><BR>

<input type="button" value=" CLOSE " onclick="window.close()"><br><BR>

</font>

</tr>

</body>

</html>

**PAGE:adminlogin.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<SCRIPT type="text/javascript">

window.history.forward();

function noBack() { window.history.forward(); }

</SCRIPT>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body background="img36.jpg" onLoad=document.f1.t1.focus()>

<form name="f1" method="post" action="adminlogin.jsp">

<CENTER>

<BR><BR><BR><BR><BR>

<table cellpadding=8 cellspacing=8 border="10" bgcolor="transparent">

<th bgcolor="transparent" colspan=2>

<font face="Times New Roman" color=LIGHTgrey size=5 >ADMINISTRATOR LOGIN</FONT><BR></th>

<tr bgcolor="transparent">

<td valign=top align=left>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b> USER\_ID </b>

</font>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" name="t1" size=20 maxlength=20></td>

</tr>

<tr bgcolor="transparent">

<td valign=top align=left>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b>PASSWORD</b>

</font>

<input type="password" name="t2" size=20 maxlength=20></td>

</tr>

<tr bgcolor="transparent">

<td valign=top >

<input type="submit" name="b1" value=" LOGIN ">

<input type="button" value=" EXIT " onclick="location.href='page1.jsp'">

</tr>

</TABLE>

</CENTER>

</form>

<%

**int** flag=0;

String user=request.getParameter("t1");

String pass=request.getParameter("t2");

**if**(user!=" " && pass!=" ")

{

**try**{

**if**((user.equals("user")) && (pass.equals("pass")))

response.sendRedirect("adminupdate.jsp");

**else**

{ %>

<script language="javascript">

alert ("Invalid ID/Password");

</script>

<%

}}**catch**(Exception e){}

}

%>

</body>

</html>

**PAGE:studentregistration.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1" import="java.sql.\*"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<body background="img36.jpg">

<%!**public** **int** flag=0;%>

<form action="studentregistration.jsp" name="f1" method=post>

<center>

<table cellpadding=8 cellspacing=8 border="10" bgcolor="transparent">

<BR><BR><BR><BR>

<th bgcolor="transparent" colspan=2>

<font size=10 face="Times New Roman" color=LIGHTgrey>STUDENT REGISTRATION </font>

<br>

</th>

<tr bgcolor="transparent">

<td valign=top align=left>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b>STUDENT\_ID</b>

</font>

&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" name="t2" value="" size=20 maxlength=20></td>

<td valign=top align=left> <font size=5 face="Times New Roman" color=LIGHTYELLOW><b>NAME</b>

</font>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" name="t1" value="" id="txt1" size=20 maxlength=20></td>

</tr>

<tr bgcolor="transparent">

<td valign=top align=left>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b>CONTACT NO.</b>

</font>

<input type="text" name="t3" value="" size=20 maxlength=10></td>

<td valign=top align=left>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b>PASSWORD</b>

</font>

<input type="text" name="t4" value="" size=20 maxlength=20></td>

<tr bgcolor="transparent">

<td align=center colspan=2>

<input type="SUBMIT" value="SUBMIT" name="submit" >

<input type="submit" value="SEARCH" name="submit">

<input type="SUBMIT" value="DELETE"name="submit" >

<input type="SUBMIT" value="UPDATE"name="submit">

<%

String s=request.getParameter("submit");

String name=request.getParameter("t1");

String id=request.getParameter("t2");

String phone=request.getParameter("t3");

String pwd=request.getParameter("t4");

**try**{

**if**(s.equals("SUBMIT"))

{

**if**(id!="" && name!="" && phone!="" && pwd!= "")

{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

String sql="insert into student values("+id+",'"+name+"',"+phone+",'"+pwd+"')";

st.execute(sql);

%>

<script language=javascript>

alert("Inserted Sucessfully");

</script>

<%

}

**else**

{

%>

<script language=javascript>

alert("Enter All Entries");

</script>

<%

}

}

}

**catch**(Exception e1)

{

}

**if**(!(id==" "))

{

**try**{

**if**(s.equals("DELETE"))

{%>

<script language="javascript">

var b=confirm ("Do You Confirm ");

if(b==1)

{

<%

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

String query="delete from student where stud\_id="+id;

st.executeUpdate(query);

%>

alert("Deleted");

}

</script>

<%

}

}

**catch**(Exception e1)

{

}

}

**if**(!(id==" "))

{

**try**{

**if**(s.equals("SEARCH"))

{Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

ResultSet rs=st.executeQuery("select \* from student where stud\_id="+id);

**if**(rs.next())

{

%>

<script language="javascript">

alert("search found");

document.f1.t2.value="<%=rs.getString(1)%>";

document.f1.t1.value="<%=rs.getString(2)%>";

document.f1.t3.value="<%=rs.getString(3)%>";

document.f1.t4.value="<%=rs.getString(4)%>";

</script>

<%

}

**else**

{

%>

<script language="javascript">

alert("Record not found");

</script>

<%

}

}

}

**catch**(Exception e1)

{

}

}

**if**(!(name==" " && id==" " && phone==" " && pwd== " "))

{

**try**{

**if**(s.equals("UPDATE"))

{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

String query="update student set stud\_id="+id+",stud\_name='"+name+"',phone="+phone+",pwd='"+pwd+"'where stud\_id="+id;

st.executeUpdate(query);

%>

<script language=javascript>

alert("Updated Sucessfully");

</script>

<%

}

}**catch**(Exception e1)

{

}

}

%>

<input type="button" value=" EXIT " onclick="location.href='adminupdate.jsp'">

</tr>

</table>

</center>

</form>

</body>

</html>

**PAGE:question.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"import="java.sql.\*" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<%!**public** **int** i=1;%>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body background="img36.jpg">

<form action="question.jsp" name="f1" method=post>

<center>

<table cellpadding=8 cellspacing=8 border="10" bgcolor="transparent">

<BR><BR><BR><BR>

<th bgcolor="transparent" colspan=2>

<font size=10 face="Times New Roman" color=LIGHTgrey>QUESTION BANK</font>

<br>

</th>

<tr bgcolor="transparent">

<td valign=top>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b>Q.NO.</b>

</font>

<input type="text" name="t1" value="" id="txt1" size=3 maxlength=3></td>

<td valign=top>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b>AUTHOR</b>

</font>

<input type="text" name="t2" value="" size=30 maxlength=30></td>

</tr>

<tr bgcolor="transparent">

<td align=center colspan=2>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b>QUESTION</b>

</font>

<br><TEXTAREA name="t3" rows=5 cols=100 Wrap=true> </TEXTAREA></td>

</tr>

<tr bgcolor="transparent">

<td align=center colspan=2>

<input type='radio' name='o1' value=1>1

<input type="text" name="t4" value="" size=40 maxlength=40><br>

<input type='radio' name='o1'value=2>2

<input type="text" name="t5" value="" size=40 maxlength=40><br>

<input type='radio' name='o1'value=3>3

<input type="text" name="t6" value="" size=40 maxlength=40><br>

<input type='radio' name='o1'value=4>4

<input type="text" name="t7" value="" size=40 maxlength=40>

</td>

</tr>

<tr bgcolor="transparent">

<td align=center colspan=2>

<input type="SUBMIT" value="SUBMIT" name="submit" >

<input type="submit" value="SEARCH" name="submit">

<input type="SUBMIT" value="DELETE"name="submit" >

<input type="SUBMIT" value="UPDATE"name="submit">

<%

String s=request.getParameter("submit");

String qid=request.getParameter("t1");

String author=request.getParameter("t2");

String quest=request.getParameter("t3");

String op1=request.getParameter("t4");

String op2=request.getParameter("t5");

String op3=request.getParameter("t6");

String op4=request.getParameter("t7");

String ans=request.getParameter("o1");

//int ans2=Integer.parseInt(ans);

**try**{

**if**(s.equals("SUBMIT"))

{

**if**(qid!=**null** && author!=**null** && quest!=**null** && op1!=**null** && op2!=**null** && op3!=**null** && op4!=**null** && ans!=**null**)

{

//int qid2=Integer.parseInt(qid);

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement(ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

String query1="insert into question values("+qid+",'"+quest+"',"+ans+",'"+author+"','"+op1+"','"+op2+"','"+op3+"','"+op4+"')";

st.executeUpdate(query1);

%>

<script language=javascript>

alert("Inserted Sucessfully");

</script>

<%

}

**else**

{

%>

<script language=javascript>

alert("Enter all entries");

</script>

<%

}

}

}**catch**(Exception e1)

{out.println(e1);}

**if**(!( qid==" " ))

{

**try**{

**if**(s.equals("SEARCH"))

{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

ResultSet rs=st.executeQuery("select \* from question where q\_id="+qid);

**if**(rs.next())

{

%>

<script language="javascript">

alert("search found");

document.f1.t1.value="<%=rs.getString(1)%>";

document.f1.t3.value="<%=rs.getString(2)%>";

document.f1.t2.value="<%=rs.getString(4)%>";

document.f1.t4.value="<%=rs.getString(5)%>";

document.f1.t5.value="<%=rs.getString(6)%>";

document.f1.t6.value="<%=rs.getString(7)%>";

document.f1.t7.value="<%=rs.getString(8)%>";

</script>

<%

}

**else**

{

%>

<script language="javascript">

alert("Record not found");

</script>

<%

}

}

}**catch**(Exception e1)

{

}

}

**if**(!(qid==" " && author==" " && quest==" " && op1== " "&& op2== " "&& op3== " "&& op4== " "&& ans== " "))

{

**try**{

**if**(s.equals("UPDATE"))

{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

String query="update question set q\_id="+qid+",ques='"+quest+"',ans="+ans+",author='"+author+"',op1='"+op1+"',op2='"+op2+"',op3='"+op3+"',op4='"+op4+"'where q\_id="+qid;

st.executeUpdate(query);

%>

<script language=javascript>

alert("Updated Sucessfully");

</script>

<%

}

}**catch**(Exception e1)

{

}

}

**if**(!(qid==" "))

{

**try**{

**if**(s.equals("DELETE"))

{

%>

<script language="javascript">

var b=confirm ("Do You Confirm ");

if(b==1)

{

<%

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

String query="delete from question where q\_id="+qid;

st.executeUpdate(query);

%>

alert("Deleted");

}

</script>

<%

}

}**catch**(Exception e1)

{

}

}

%>

<input type="button" value=" EXIT " onclick="location.href='adminupdate.jsp'">

</td>

</tr>

</table>

</center>

</form>

</body>

</html>

**PAGE:adminupdate.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1" import="java.sql.\*"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<SCRIPT type="text/javascript">

window.history.forward();

function noBack() { window.history.forward(); }

</SCRIPT>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body background="img36.jpg">

<form action="adminupdate.jsp" name="f1" method=post>

<br><br><br><br>

<center>

<table cellpadding=8 cellspacing=8 border="10" bgcolor="transparent">

<th bgcolor="transparent" colspan=2>

<font face="Times New Roman" color=LIGHTGREY size=5>ADMINISTRATOR</FONT><BR></th>

<tr bgcolor="transparent">

<td valign=top >

<input type="button" value="STUDENT INFO" onclick="location.href='studentregistration.jsp'" ><br><BR>

<input type="button" value=" QUESTIONS " onclick="location.href='question.jsp'"><br><BR>

<input type="button" value="INSTRUCTIONS" onclick="location.href='.jsp'" ><br><BR>

<input type="button" value=" SETTINGS " onclick="location.href='settings.jsp'" ><br><BR>

<input type="SUBMIT" value="RESET RECORD" name="submit" ><br><BR>

<input type="button" value=" LOGOUT " onclick="location.href='page1.jsp' " >

<%

String s=request.getParameter("submit");

**try**{

**if**(s.equals("RESET RECORD"))

{%>

<script language="javascript">

var b=confirm ("Do You Confirm ");

if(b==1)

{

<%

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

String query="delete from result ";

st.executeUpdate(query);

%>

alert("Deleted");

}

</script>

<%

}

}

**catch**(Exception e1)

{

}

%>

</td>

</tr>

</table>

</center>

</form>

</body>

</html>

**PAGE:ins\_update.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1" import="java.sql.\*"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body background="img36.jpg">

<form action="ins\_update.jsp" name="f1" method=post>

<center>

<table cellpadding=8 cellspacing=8 border="10" bgcolor="transparent" style="position:absolute;left:30px;top:25px" width=500 height=400>

<th bgcolor="transparent" colspan=2>

<font size=10 face="Times New Roman" color=LIGHTgrey>INSTRUCTIONS</font>

<br>

</th>

<tr bgcolor="transparent">

<td valign=top ALIGN="LEFT">

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b>SR. NO.</b>

</font>

<input type="text" name="t1" value="" id="txt1" size=3 maxlength=3><BR><BR><BR>.

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b>INSTRUCTION</b>

</font>

<br><TEXTAREA name="t2" rows=5 cols=60 Wrap=true> </TEXTAREA></td>

</tr>

<tr bgcolor="transparent">

<td align=center colspan=2>

<input type="SUBMIT" value="SUBMIT" name="submit" >

<input type="SUBMIT" value="DELETE"name="submit" >

<input type="SUBMIT" value="UPDATE"name="submit">

<%

String s=request.getParameter("submit");

String id=request.getParameter("t1");

String inst=request.getParameter("t2");

//int ans2=Integer.parseInt(ans);

**try**{

**if**(s.equals("SUBMIT"))

{

**if**(id!=**null** && inst!=**null** )

{

//int qid2=Integer.parseInt(qid);

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement(ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

String query1="insert into rule values('"+inst+"',"+id+")";

st.executeUpdate(query1);

%>

<script language=javascript>

alert("Inserted Sucessfully");

</script>

<%

}

**else**

{

%>

<script language=javascript>

alert("Enter All Enteries");

</script>

<%

}

}

}**catch**(Exception e1)

{}

**if**(!( id==" " ))

{

**try**{

**if**(s.equals("SEARCH"))

{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

ResultSet rs=st.executeQuery("select \* from rule where ins\_id="+id);

**if**(rs.next())

{

%>

<script language="javascript">

alert("search found");

document.f1.t1.value=<%=rs.getString(2)%>;

document.f1.t2.value=<%=rs.getString(1)%>;

</script>

<%

}

**else**

{

%>

<script language="javascript">

alert("Record not found");

</script>

<%

}

}

}**catch**(Exception e1)

{

}

}

**if**(!(id==" " && inst== " "))

{

**try**{

**if**(s.equals("UPDATE"))

{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

String query="update rule set ins\_id="+id+",inst='"+inst+"'where ins\_id="+id;

st.executeUpdate(query);

%>

<script language=javascript>

alert("Updated Sucessfully");

</script>

<%

}

}**catch**(Exception e1)

{

}

}

**if**(!(id==" "))

{

**try**{

**if**(s.equals("DELETE"))

{

%>

<script language="javascript">

var b=confirm ("Do You Confirm ");

if(b==1)

{

<%

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

String query="delete from rule where ins\_id="+id;

st.executeUpdate(query);

%>

alert("Deleted");

}

</script>

<%

}

}**catch**(Exception e1)

{

}

}

%>

<input type="button" value=" EXIT " onclick="location.href='adminupdate.jsp'">

</td>

</tr>

</table>

</center>

<font face="Times New Roman" color=LIGHTYELLOW size=5 >

<TABLE border=10 style="position:absolute;left:660px;top:25px " width=600>

<%Object s3=session.getAttribute("name"); %>

<%

**try**{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

ResultSet rs=st.executeQuery("select \* from rule order by ins\_id");

**while**(rs.next())

{

%>

<tr>

<%

out.println("<td>"+rs.getString(2));

out.println( "<td>"+rs.getString (1));

%>

</tr>

<%

}

}**catch**(Exception e1)

{}

%>

</TABLE>

</font>

</form>

</body>

</html>

**PAGE:ins\_update.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1" import="java.sql.\*"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body background="img36.jpg">

<form action="settings.jsp" method=post>

<center>

<table cellpadding=8 cellspacing=8 border="10" bgcolor="transparent">

<BR><BR><BR><BR>

<th bgcolor="transparent" colspan=2>

<font size=10 face="Times New Roman" color=LIGHTgrey>SETTINGS </font>

<br>

</th>

<tr bgcolor="transparent">

<td valign=top align=left>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b>TIME DURATION</b>

</font>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" name="t1" value="" id="txt1" size=20 maxlength=20></td></tr>

<TR><td valign=top align=left>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b>POSITIVE MARKS</b>

</font>

&nbsp;&nbsp;&nbsp;<input type="text" name="t2" value="" size=20 maxlength=20></td>

</tr>

<tr bgcolor="transparent">

<td valign=top align=left>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b>NEGATIVE MARKS</b>

</font>

<input type="text" name="t3" value="" size=20 maxlength=10></td>

<tr bgcolor="transparent">

<td align=center colspan=2>

<input type="SUBMIT" value="SUBMIT">

<%

String td=request.getParameter("t1");

String pm=request.getParameter("t2");

String nm=request.getParameter("t3");

**if**(!(td==" " && pm==" " && nm==" "))

{

**try**{

**int** x1=Integer.parseInt(td);

**int** x2=Integer.parseInt(pm);

**int** x3=Integer.parseInt(nm);

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

st.executeQuery("update sett set time="+x1+",pmarks="+x2+",nmarks="+x3+"where setno = 1");

%>

<script language=javascript>

alert("Updated successfully!!");

</script>

<%

}**catch**(Exception e1)

{

}

}

%>

<input type="button" value=" EXIT " onclick="location.href='adminupdate.jsp'">

</tr>

</table>

</center>

</form>

</body>

</html>

**PAGE:settings.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1" import="java.sql.\*"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body background="img36.jpg">

<form action="settings.jsp" method=post>

<center>

<table cellpadding=8 cellspacing=8 border="10" bgcolor="transparent">

<BR><BR><BR><BR>

<th bgcolor="transparent" colspan=2>

<font size=10 face="Times New Roman" color=LIGHTgrey>SETTINGS </font>

<br>

</th>

<tr bgcolor="transparent">

<td valign=top align=left>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b>TIME DURATION</b>

</font>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" name="t1" value="" id="txt1" size=20 maxlength=20></td></tr>

<TR><td valign=top align=left>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b>POSITIVE MARKS</b>

</font>

&nbsp;&nbsp;&nbsp;<input type="text" name="t2" value="" size=20 maxlength=20></td>

</tr>

<tr bgcolor="transparent">

<td valign=top align=left>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

<b>NEGATIVE MARKS</b>

</font>

<input type="text" name="t3" value="" size=20 maxlength=10></td>

<tr bgcolor="transparent">

<td align=center colspan=2>

<input type="SUBMIT" value="SUBMIT">

<%

String td=request.getParameter("t1");

String pm=request.getParameter("t2");

String nm=request.getParameter("t3");

**if**(!(td==" " && pm==" " && nm==" "))

{

**try**{

**int** x1=Integer.parseInt(td);

**int** x2=Integer.parseInt(pm);

**int** x3=Integer.parseInt(nm);

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

st.executeQuery("update sett set time="+x1+",pmarks="+x2+",nmarks="+x3+"where setno = 1");

%>

<script language=javascript>

alert("Updated successfully!!");

</script>

<%

}**catch**(Exception e1)

{

}

}

%>

<input type="button" value=" EXIT " onclick="location.href='adminupdate.jsp'">

</tr>

</table>

</center>

</form>

</body>

</html>

**PAGE:studlog.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

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

<html>

<SCRIPT type="text/javascript">

window.history.forward();

function noBack() { window.history.forward(); }

</SCRIPT>

<body background="img36.jpg" onLoad=document.f1.t1.focus()>

<form name="f1" method="post">

<CENTER>

<BR><BR><BR><BR><BR>

<table cellpadding=8 cellspacing=8 border="10" bgcolor="transparent">

<th bgcolor="transparent" colspan=2>

<font face="Times New Roman" color=LIGHTgrey size=5 ><B>STUDENT LOGIN</B></FONT><BR></th>

<tr bgcolor="transparent">

<td valign=top align =left>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

USER\_ID

</font>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" name="t1" value="" size=20 maxlength=20></td>

</tr>

<tr bgcolor="transparent">

<td valign=top align =left>

<font size=5 face="Times New Roman" color=LIGHTYELLOW>

PASSWORD

</font>

<input type="password" name="t2" value="" size=20 maxlength=20></td>

</tr>

<tr bgcolor="transparent">

<td valign=top>

<input type="submit" name="b1" value="LOGIN">

<input type="button" value="EXIT" onclick="location.href='page1.jsp'">

</tr>

</TABLE>

</CENTER>

<%

String user=request.getParameter("t1");

String pass=request.getParameter("t2");

**if**(user!=" " && pass!=" ")

{

**try**{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

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

**while**(rs.next())

{

String username=rs.getString(1);

**int** stud\_id=Integer.parseInt(username);

String password=rs.getString(4);

String name=rs.getString(2);

**if**(user.equals(username) && pass.equals(password))

{

ResultSet rs1=st.executeQuery("select \* from result where stud\_id="+stud\_id);

**if**(!rs1.next())

{

session.setAttribute("user",user);

session.setAttribute("name",name);

%>

<jsp:forward page="instructions.jsp" />

<input type=hidden name=user value=<%= username %>>

<% }

**else**

{

%>

<script language="javascript">

alert ("ID ALREADY ENTERED");

</script>

<%

}

}

}

%>

<script language="javascript">

alert ("Invalid ID/Password");

</script>

<%

}**catch**(Exception e1)

{

}

}

%>

</body>

</html>

**PAGE:exam1.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1" import="java.sql.\*" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<%String t=request.getParameter("t");**int** t1=Integer.parseInt(t);%>

<script language="JavaScript">

var flag;

var secs;

function cd() {

mins = min; // change minutes here

secs = 0 + s(":01"); // change seconds here (always add an additional second to your total)

redo();

}

function m(obj) {

for(var i = 0; i < obj.length; i++) {

if(obj.substring(i, i + 1) == ":")

break;

}

return(obj.substring(0, i));

}

function s(obj) {

for(var i = 0; i < obj.length; i++) {

if(obj.substring(i, i + 1) == ":")

break;

}

return(obj.substring(i + 1, obj.length));

}

function dis(mins,secs) {

var disp;

if(mins <= 9) {

disp = " 0";

} else {

disp = " ";

}

disp += mins + ":";

if(secs <= 9) {

disp += "0" + secs;

} else {

disp += secs;

}

return(disp);

}

function redo() {

secs--;

if(secs == -1) {

secs = 59;

mins--;

}

document.cd.disp.value = dis(mins,secs); // setup additional displays here.

if((mins == 0) && (secs == 0)) {

window.alert("Time is up. Press OK to continue."); // change timeout message as required

window.location = "exam2.java"

} else {

cd = setTimeout("redo()",1000);

}

}

function init() {

cd();

}

document.onload = init;

</script>

<SCRIPT type="text/javascript">

window.history.forward();

function noBack() { window.history.forward(); }

function fun1()

{

//alert("previous");

document.exam1.action="exam2?t=<%= t1%>&x=2";

exam1.submit();

}

function fun2()

{

//alert("submit");

exam1.submit();

}

function fun3()

{

// alert("next");

document.exam1.action="exam2?t=<%= t1%>&x=3";

exam1.submit();

}

</SCRIPT>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

<%!**public** **int** i=1,qid=0,mark=0,x1=0,x2=0,min1=40;String s2=**null**;**boolean** flag=**false**;%>

</head>

<body background="img36.jpg">

<script language="JavaScript">

var min=19;

</script>

<form name="cd">

<input id="txt" bgcolor="transparent" readonly="true" type="text" value="10:00" border="0" name="disp">

</form>

<form name="exam1" action="exam2?t=<%= t1 %>&x=1" method=post>

<center>

<font face="Times New Roman" color=LIGHTgrey size=5 >

<table cellpadding=8 cellspacing=8 border="10" bgcolor="transparent">

<BR><BR>

<%

**try**{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement(ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs=st.executeQuery("select \* from question where q\_id="+t1);

rs.next();

s2=rs.getString(3);

qid=Integer.parseInt(rs.getString(1));

Object s3= session.getAttribute("user");

out.println( "<tr> <td align=center > <b> AUTHOR</b> :-" + rs.getString(4) +"<td><B>TIME LEFT </B>:-<input id='txt' bgcolor=transparent readonly=true type=text value=10:00 border=0 name=disp></TR>");

out.println( "<tr><td align=left colspan=2>"+rs.getString(1) +"&nbsp;&nbsp;&nbsp;" + rs.getString(2)+"</tr>");

out.println("<tr><td align=left colspan=2> <input type='radio' name='o1' value=1> 1." + rs.getString(5)+"<br><input type='radio' name='o1' value=2> 2." + rs.getString(6)+"<br><input type='radio' name='o1' value=3> 3." + rs.getString(7)+"<br><input type='radio' name='o1' value=4> 4." + rs.getString(8)+"</tr>" );

%>

<input type=hidden name=q\_id value=<%= qid %>>

<input type=hidden name=ans value=<%= s2 %>>

<input type=hidden name=user value=<%= s3 %>>

<%

}**catch**(Exception e){}

%>

<tr bgcolor="transparent">

<td align=center colspan=2><input type=button value=" PREVIOUS " onclick=fun1()>

<input type=button value=" SUBMIT " onclick=fun2()>

<input type=button value=" NEXT " onclick=fun3()>

<input type=button value=" EXIT " onclick="location.href='result.jsp'">

</table>

</font>

</center>

</form>

</body>

</html>

**PAGE:exam2.java**

**import** java.io.IOException;

**import** javax.servlet.\*;

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

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

**import** java.sql.\*;

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

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

**import** java.io.\*;

/\*\*

\* Servlet implementation class for Servlet: exam2

\*

\*/

**public** **class** exam2 **extends** javax.servlet.http.HttpServlet **implements** javax.servlet.Servlet {

**static** **final** **long** *serialVersionUID* = 1L;

/\* (non-Java-doc)

\* @see javax.servlet.http.HttpServlet#HttpServlet()

\*/

**public** exam2() {

**super**();

}

/\* (non-Java-doc)

\* @see javax.servlet.http.HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

// **TODO** Auto-generated method stub

doPost(request,response);

}

/\* (non-Java-doc)

\* @see javax.servlet.http.HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

// **TODO** Auto-generated method stub

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

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

**int** t1=Integer.*parseInt*(t);

**if**(x.equals("2"))

{

t1--;

RequestDispatcher view = request.getRequestDispatcher("exam1.jsp?t="+t1);

view.forward(request, response);

}

**else** **if**(x.equals("3"))

{

t1++;

RequestDispatcher view = request.getRequestDispatcher("exam1.jsp?t="+t1);

view.forward(request, response);

}

**else**

{

**try**

{

String s2=request.getParameter("ans");

String s1=request.getParameter("o1");

String qid=request.getParameter("q\_id");

String s3=request.getParameter("user");

response.getWriter().print(s3);

**int** q\_id=Integer.*parseInt*(qid);

Class.*forName*("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.*getConnection*("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement();

ResultSet rs2=st.executeQuery("select stud\_id from attempt where q\_id="+q\_id);

**if**(!rs2.next())

{

ResultSet rs1=st.executeQuery("select \* from sett");

rs1.next();

**int** x1=Integer.*parseInt*(rs1.getString(4));

**int** x2=Integer.*parseInt*(rs1.getString(3));

**if**(s1!=**null**)

{

**int** ans1 = Integer.*parseInt*(s1);

**if**(s2.equals(s1))

{

st.execute("insert into attempt values("+s3+","+q\_id+","+ans1+","+x1+")");

}

**else**

{

st.execute("insert into attempt values("+s3+","+q\_id+","+ans1+","+-x2+")");

}

}

t1++;

RequestDispatcher view = request.getRequestDispatcher("exam1.jsp?t="+t1);

view.forward(request, response);

}

**else**

{

/\* PrintWriter pw = response.getWriter();

response.setContentType("text/html");

pw.println("<html><head>"+

"<script language=\"text/javascript\">"+

"alert (\" already submitted\")"+

"</script></head></html>"); \*/

RequestDispatcher view = request.getRequestDispatcher("exam1.jsp?t="+t1);

view.forward(request, response);

}

}

**catch**(Exception e)

{

response.getWriter().print(e);

}

}

}

}

**PAGE:result.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"import="java.sql.\*"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<body background="img36.jpg">

<font face="Times New Roman" color=LIGHTYELLOW size=5 >

<CENTER>

<table cellpadding=8 cellspacing=8 border="10" bgcolor="transparent">

<BR><BR><BR><BR>

<th bgcolor="transparent" colspan=2>

<font face="Times New Roman" color=LIGHTGREY size=7>

RESULT<BR></font></th>

<%

**try**{

**int** i=0,marks=0,ta=0,flag=0;

Object s3=session.getAttribute("user");

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con=DriverManager.getConnection("jdbc:odbc:abc", "scott", "anil");

Statement st=con.createStatement(ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs1=st.executeQuery("select \* from sett");

rs1.next();

String x=rs1.getString(4);

ResultSet rs=st.executeQuery("select \* from attempt");

**while**(rs.next())

{

ta=ta+1;

**if**(x.equals(rs.getString(4)))

{

i=i+1;

}

marks=marks+Integer.parseInt(rs.getString(4));

}

st.execute("insert into result values("+s3+","+ta+","+i+","+marks+")");

out.println("<tr><td>NUMBER OF QUESTIONS ATTEMPTED:<td><B>"+ta+"</B></tr>");

out.println("<tr><td>NUMBER OF CORRECT ANSWERS :<td><B>"+i+"</B></tr>");

out.println("<tr><td>TOTAL MARKS OBTAINED :<td><B>"+marks+"</B></tr>");

st.execute("delete from attempt");

}**catch**(Exception e1)

{}%>

<tr bgcolor="transparent">

<td align=center colspan=2><input type="button" value=" CLOSE " onclick="window.close()"></tr>

</table>

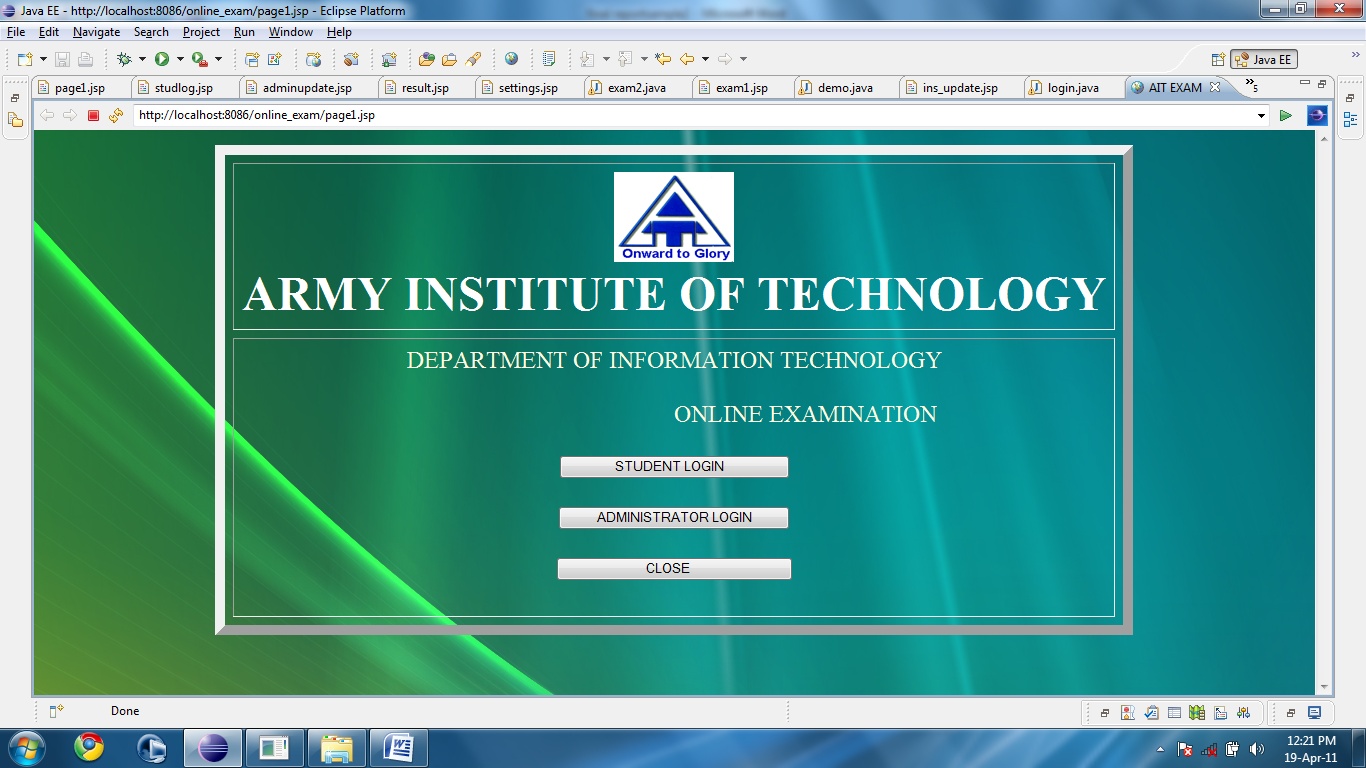
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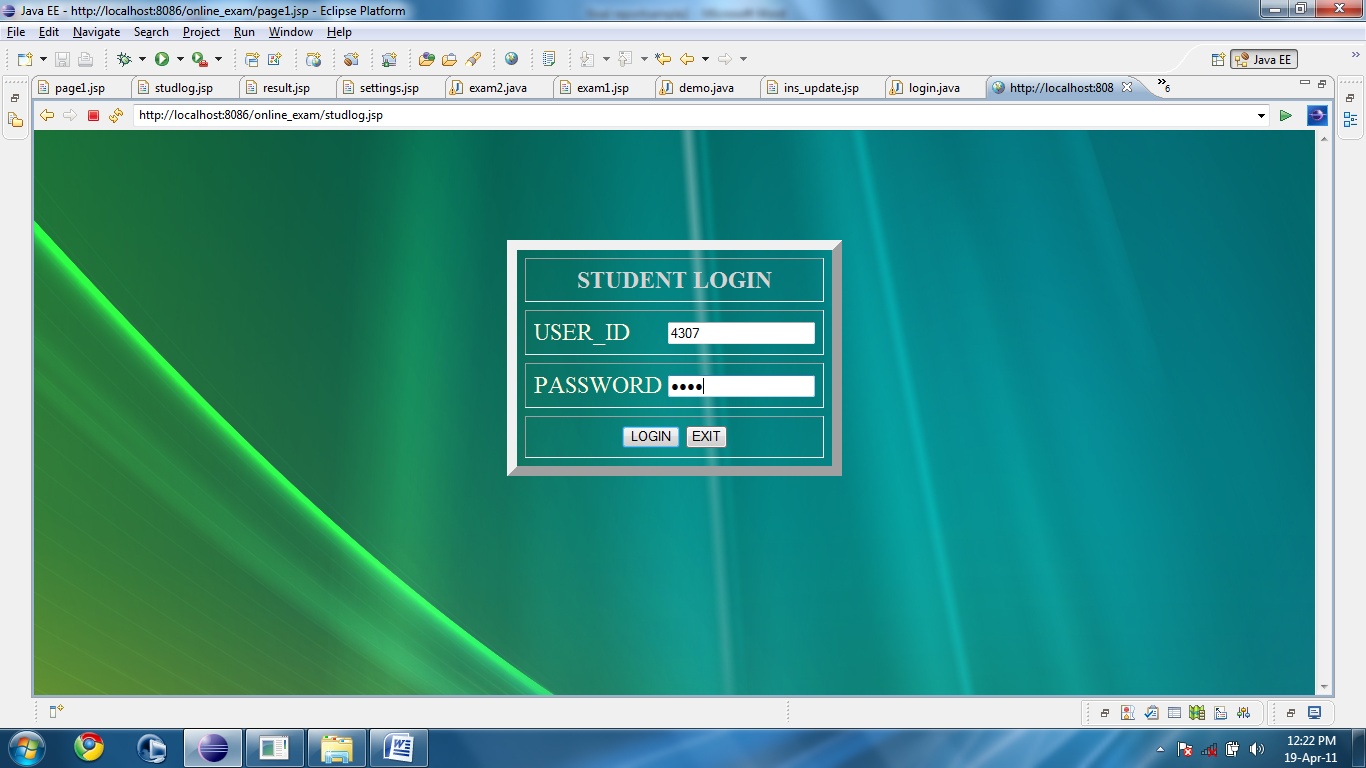
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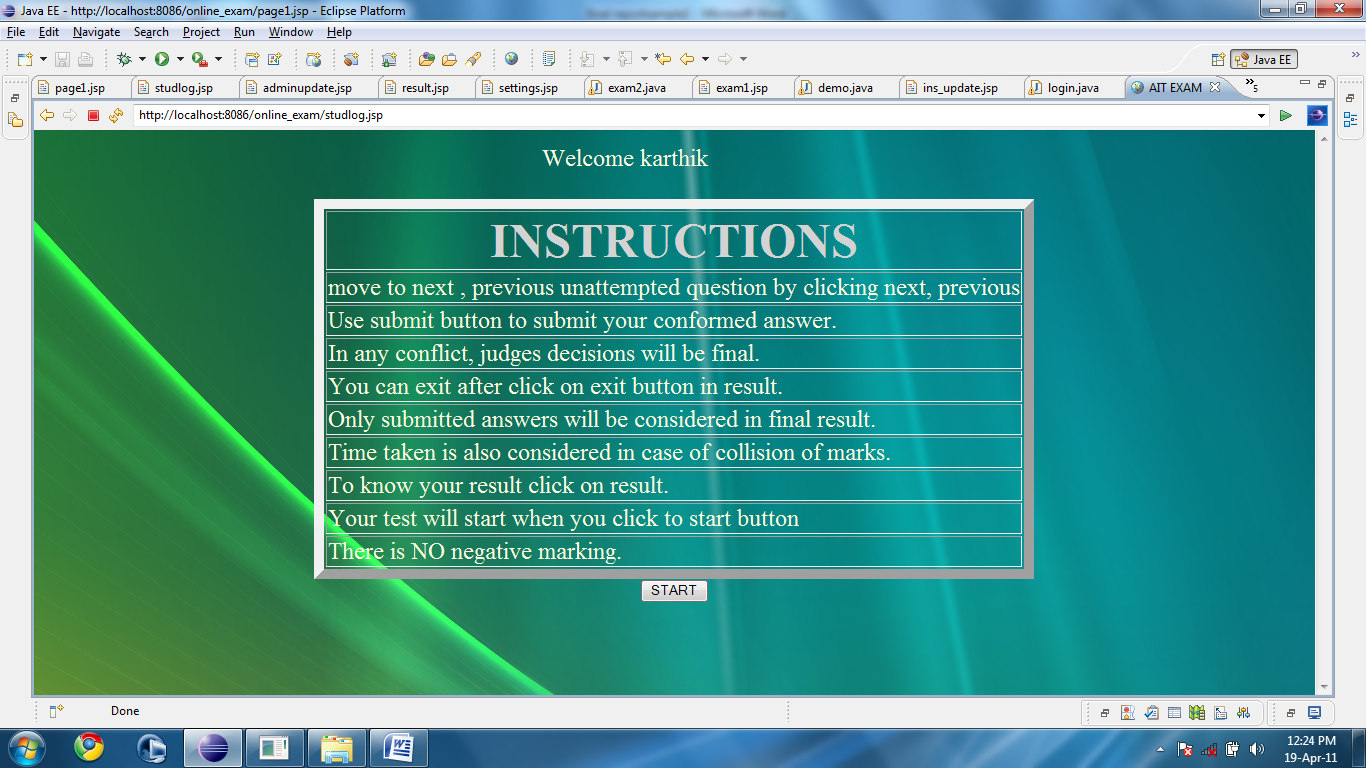
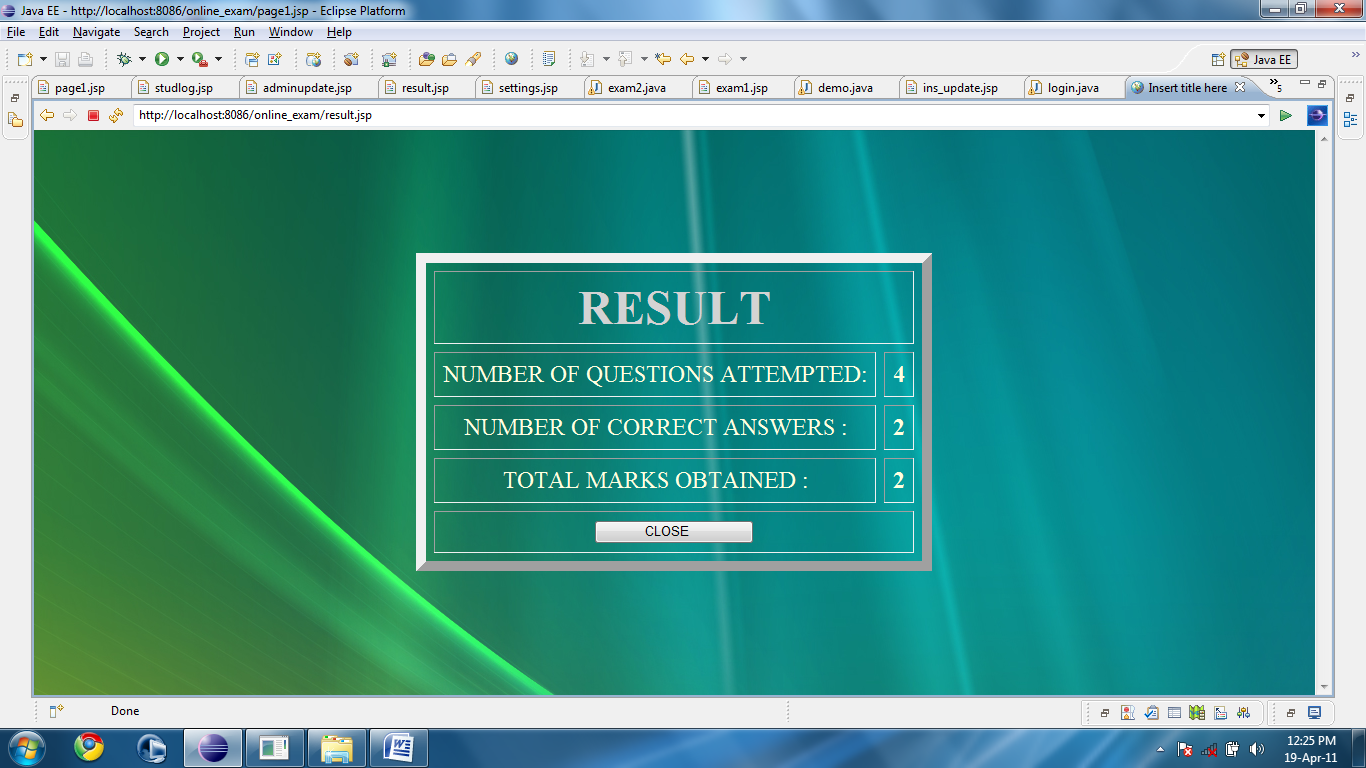
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**SNAPSHOTS:**





**Future scope**

There have been numerous cases of computer glitches, errors in content, and security lapses reported in online examination .So in the near future the so –called software could be made more secure and reliable.While electronic glitches are rare, they have been known to occur, for instance when computer crashes voided the efforts of thousands of student. There are also cases in which the correction software has corrupted scores.  so the software can be programmed well so as to avoid corrupted scores.

**CONCLUSION**

The On line test System is developed using visual basic and sql fully meets the objectives of the system for which it has been developed. The system is operated at a high level of efficiency and all the teachers and user associated with the system understands its advantage. The system solves the problem. It was intended to solve as requirement specification.