

SACET::Result Management System

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ABSTRACT: To solve the problems of managing the results that are obtained whenever the results are released from the University of a certain Semester Examination, the project presents a model for maintaining the records of results obtained in every semester for every year. The results are maintained in the form of records using pdf format and are maintained by the exam cell of a college. Those results are send to each and every department in the college for analysis like to know the details of the passed and failed candidates in the examination. This project contains Admin for uploading the results, Head Of the Department for viewing the results of students in their respective department as well as other department results also, Faculty for viewing the results and generating the analysis, Student for viewing the results of their own from first semester to the current semester. Experiments show that the model can effectively maintains the records of results.

Keywords: Data Mining, JQuery,PHP,Attribute Selection,DFS.

1. INTRODUCTION:

Our application is developed basing on the Data Mining concept which means process to extract information from a data set and transform it in to an understandable structure for further use. It involves database for storing the data which the user want and can retrieve the data from the database.

In our application the user interface is developed using HTML (Hyper Text Mark-up Language) in which different types of tags are used to enter the data. And to store the entered database is used and in connection to the database and HTML the server side scripting language PHP (personal-Home-Page Hypertext Pre-Processor) is used for storing and retrieving the data. The validation for the text fields is done using the java script.

[1]The Oracle Database (commonly referred to as *Oracle RDBMS* or simply as *Oracle*) is an object-relational database management system (ORDBMS) produced and marketed by Oracle Corporation.

[1]Larry Ellison and his friends, former co-workers Bob Miner and Ed Oates, started the consultancy Software Development Laboratories (SDL) in 1977. SDL developed the original version of the Oracle software. The name *Oracle* comes from the code-name of a CIA-funded

project Ellison had worked on while previously employed by Ampex.

Database Scheme

Most Oracle database installations traditionally came with a default schema called SCOTT. After the installation process has set up the sample tables, the user can log into the database with the username scott and the password tiger.[2]The name of the SCOTT schema originated with Bruce Scott, one of the first employees at Oracle (then Software Development Laboratories), who had a cat named Tiger.

[4]Oracle Corporation has de-emphasized the use of the SCOTT schema, as it uses few of the features of the more recent releases of Oracle. Most recent examples supplied by Oracle Corporation reference the default HR or OE schemas.

2. PROPOSED WORK:

Traditionally, the clients are using excel sheets to record the results of students. Those sheets have to be updated when the recounting or revaluation or supplementary examination results are released. The clients has to maintain a lot of records like there are eight semesters for a batch in their entire four years and there will be supplementary and revaluations results for every semester. They not only maintain the records of a single batch they have to maintain the records of students who are going to join in the organization every year. [5]So the maintenance of those records may become difficult as the client has to remember everything about each and every batch. The client will maintain the records and the analysis of the students have to done. The generation of analysis may become difficult.

To solve the problems that are obtained in the existing process, the idea is to develop an application for maintaining the records of the results and to automate the analysis process. In this the client have to upload the excel sheet which they will get from the university whenever the results are released. The uploaded file will be stored in the database and will provide a friendly environment to view the results that are uploaded and modification of the data will be automated. The application will greatly simplify and sorts the results of students department wise that are present in the organization. The generation of analysis will be automatically done by the application.

3. SYSTEM IMPLEMENTATION:

To solve the problems that are obtained in the existing process the system is implemented so that everything that the clients need is done automatically when the client will upload the file of results that will be obtained from the university whenever the results are released.

The system implementation can be explained using different modules that are present in the application

The **Admin module** consists of viewing the student results and uploading the student results and uploading the subject details of corresponding results. Admin maintains the accounts of students, faculty, head of department etc.

The **HOD module** consists of the login page for login with his unique id. By login he can view student results semester wise.

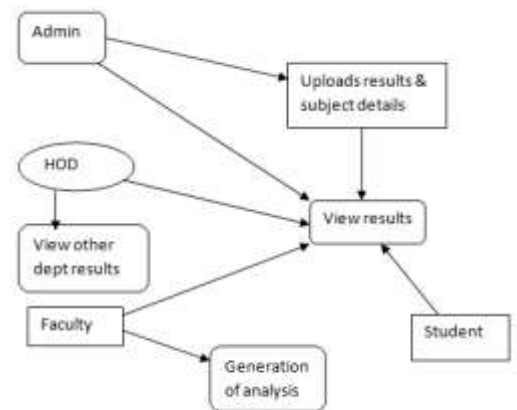
Head of department can also view results according to some selected subjects.

The **Faculty module** consists of the login page for login with his unique id. By login he can view student results semester wise. And he can generate the analysis of students of particular class and branch. Faculty can also view results according to some selected subjects.

The **Student module** consists of the login page for login with his unique id. By login he can view his results semester wise. And he can logout by completing his actions that are to be performed.

4. SYSTEM ARCHITECTURE :

Dataflow diagram:



5. CODING:

Uploading A File:

```
<?php  
  
if(isset($_POST['submit']))  
{  
  
include './db.php';  
  
$py=$_POST['yr'];  
  
$s=$_POST['sem'];  
  
$r="R".$_POST['reg'];  
  
$date=$_POST['month']." ".$_POST['year'];
```

```

$file = $_FILES['ex']['tmp_name'];
}

$handle = fopen($file, "r");
$subcode = $filesop[1];

while(($filesop = fgetcsv($handle, 1000, ",") != false)
    $subint=$filesop[3];

{
    $htno = $filesop[0];
    $subext = $filesop[4];

    if($htno=='Htno')
        $subcre=$filesop[5];

    {
        if(($filesop = fgetcsv($handle, 1000, ",") != false)
            if($row[4]=="")

        {
            $u=ociparse($c,"updates$sset
            sub1code='$subcode',sub1int='$subint',sub1ext='$subext',sub1
            cre='$subcre',date1='$date' where htno='$htno'");

            $u1=oci_execute($u);

        }

        else if($row[4]!="")

            if($row[4]==$subcode)

            {

                $u=ociparse($c,"updates$sset
                sub1int='$subint',sub1ext='$subext',sub1cre='$subcre',date1='$
                date'where htno='$htno'");

                $u1=oci_execute($u);

            }

            else if($row[9]=="")

            {

                $u=ociparse($c,"updates$sset
                sub2code='$subcode',sub2int='$subint',sub2ext='$subext',sub2
                cre='$subcre',date2='$date' where htno='$htno'");

                $u1=oci_execute($u);

            }

            else if($row[9]!="")

                if($row[9]==$subcode)

                {

```

```

{ $u=ociparse($c,"updates$sset
sub2int='$subint',sub2ext='$subext',sub2cre='$subcre',date2='$
date'where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[14]=="")

{ $u=ociparse($c,"updates$sset
sub3code='$subcode',sub3int='$subint',sub3ext='$subext',sub3
cre='$subcre',date3='$date' where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[14]!="")

if($row[14]==$subcode)

{ $u=ociparse($c,"updates$sset
sub3int='$subint',sub3ext='$subext',sub3cre='$subcre',date3='$
date'where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[19]=="")

{ $u=ociparse($c,"updates$sset
sub4code='$subcode',sub4int='$subint',sub4ext='$subext',sub4
cre='$subcre',date4='$date' where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[19]!="")

if($row[19]==$subcode)

{ $u=ociparse($c,"updates$sset
sub4int='$subint',sub4ext='$subext',sub4cre='$subcre',date4='$
date'where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[24]=="")

{ $u=ociparse($c,"updates$sset
sub5code='$subcode',sub5int='$subint',sub5ext='$subext',sub5
cre='$subcre',date5='$date' where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[24]!="")

if($row[24]==$subcode)

{ $u=ociparse($c,"updates$sset
sub5int='$subint',sub5ext='$subext',sub5cre='$subcre',date5='$
date'where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[29]=="")

{
    $u=ociparse($c,"updates$sset
sub6code='$subcode',sub6int='$subint',sub6ext='$subext',sub6
cre='$subcre',date6='$date' where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[29]!="")

if($row[29]==$subcode)

{ $u=ociparse($c,"updates$sset
sub6int='$subint',sub6ext='$subext',sub6cre='$subcre',date6='$
date'where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[34]=="")

```

```
{
    $u=ociparse($c,"updates$sset
sub7code='$subcode',sub7int='$subint',sub7ext='$subext',sub7
cre='$subcre',date7='$date' where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[34]!="")

if($row[34]==$subcode)

{ $u=ociparse($c,"updates$sset
sub7int='$subint',sub7ext='$subext',sub7cre='$subcre',date7='$
date'where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[39]!="")

{ $u=ociparse($c,"updates$sset
sub8code='$subcode',sub8int='$subint',sub8ext='$subext',sub8
cre='$subcre',date8='$date' where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[39]!="")

if($row[39]==$subcode)

{ $u=ociparse($c,"updates$sset
sub8int='$subint',sub8ext='$subext',sub8cre='$subcre',date8='$
date'where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[44]!="")

{ $u=ociparse($c,"updates$sset
sub9code='$subcode',sub9int='$subint',sub9ext='$subext',sub9
cre='$subcre',date9='$date' where htno='$htno'");

$u1=oci_execute($u);
```

```
}

else if($row[44]!="")

if($row[44]==$subcode)

{
    $u=ociparse($c,"updates$sset
sub9int='$subint',sub9ext='$subext',sub9cre='$subcre',date9='$
date'where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[49]!="")

{
    $u=ociparse($c,"updates$sset
sub10code='$subcode',sub10int='$subint',sub10ext='$subext',s
ub10cre='$subcre',date10='$date' where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[49]!="")

if($row[49]==$subcode)

{
    $u=ociparse($c,"updates$sset
sub10int='$subint',sub10ext='$subext',sub10cre='$subcre',date
10='$date'where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[54]!="")

{
    $u=ociparse($c,"updates$sset
sub11code='$subcode',sub11int='$subint',sub11ext='$subext',s
ub11cre='$subcre',date11='$date' where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[54]!="")

if($row[54]==$subcode)
```

```
{      $u=ociparse($c,"updates$sset
sub11int='$subint',sub11ext='$subext',sub11cre='$subcre',date
11='$date'where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[59]=="")

{$u=ociparse($c,"updates$sset
sub12code='$subcode',sub12int='$subint',sub12ext='$subext',s
ub12cre='$subcre',date12='$date' where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[59]!="")

if($row[59]==$subcode)

{      $u=ociparse($c,"updates$sset
sub12int='$subint',sub12ext='$subext',sub12cre='$subcre',date
12='$date'where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[64]=="")

{$u=ociparse($c,"updates$sset
sub13code='$subcode',sub13int='$subint',sub13ext='$subext',s
ub13cre='$subcre',date13='$date' where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[64]!="")

if($row[64]==$subcode)

{      $u=ociparse($c,"updates$sset
sub13int='$subint',sub13ext='$subext',sub13cre='$subcre',date
13='$date'where htno='$htno'");

$u1=oci_execute($u);
```

```

}

else if($row[69]=="")

{      $u=ociparse($c,"updates$sset
sub14code='$subcode',sub14int='$subint',sub14ext='$subext',s
ub14cre='$subcre',date14='$date' where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[69]!="")

if($row[69]==$subcode)

{      $u=ociparse($c,"updates$sset
sub14int='$subint',sub14ext='$subext',sub14cre='$subcre',date
14='$date'where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[74]=="")

{      $u=ociparse($c,"updates$sset
sub15code='$subcode',sub15int='$subint',sub15ext='$subext',s
ub15cre='$subcre',date15='$date' where htno='$htno'");

$u1=oci_execute($u);

}

else if($row[74]!="")

if($row[74]==$subcode)

{$u=ociparse($c,"updates$sset
sub15int='$subint',sub15ext='$subext',sub15cre='$subcre',date
15='$date'where htno='$htno'");

$u1=oci_execute($u);

}

}
```

```
$z=ociparse($c,"select * from subjects where reg='$r' and  
sem='$s'");
```

```
$z1=oci_execute($z);
```

```
oci_close($c);
```

```
if(!$row=oci_fetch_row($z))
```

```
echo " <script>alert('Upload Subjects  
File');window.location='upload1.php';</script>";
```

```
else
```

```
if($q1)
```

```
echo "<script>alert('ResultsSavedsuccessfully');"
```

```
window.location='view.php';</script>";
```

```
else
```

```
echo " <script>alert('Upload  
Failed');window.location='upload.php';</script>";
```

```
}
```

```
?>
```

6. RESULTS:

Home Page:



Figure 1: Home page

Admin login page



Figure 2: Admin login page

Admin home page

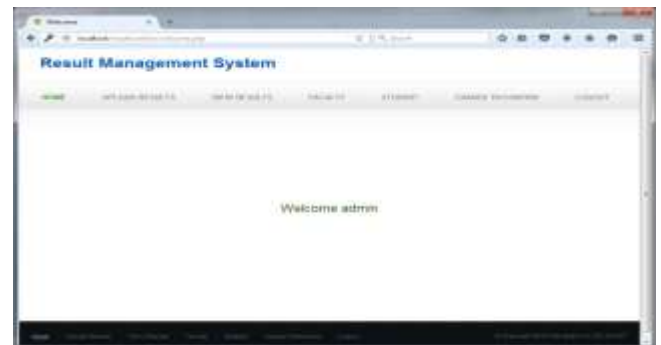


Figure 3: Admin home page

Upload results Page



Figure 4: Upload results page

Upload subjects page



Figure 5: Upload subjects page

Remove faculty Page



Figure 8: Remove faculty page

View results Page



Figure 6: View results page

Add students Page



Figure 9: Add students page

Add faculty Page



Figure 7: Add faculty page

Remove students page



Figure 10: Remove students page

7. CONCLUSION:

Various organizations use various types of techniques for maintain the records of results, but by using the application which was developed will greatly simplify the process that have to be done whenever the results are released of certain semester examination and manages the information about the marks obtained by the various students in various subjects in different semesters and will greatly simplify and speed up the result analysis preparation.

8. FUTURE WORK:

This application is developed only for a certain graduation, so it can be implemented to other graduations also. The application is developed to maintain the records of a certain organization but it can be implemented to maintain the records of each every organization.

9. REFERENCES:

- [1]. Sparse Social Domains Based Scalable Learning of Collective Behaviour (1) Retrieved from TRYLOGIC software solutions
- [2]. Mohini .B. and Amar. J. S. (2011). Mode of processing result System. Himachal Pradesh University Journal. Pg 123
- [3]. Ogbeifun,E. and Ekpeyong,(2008). Packages used n designing result processing . Volume9 , issue 2):407-412.
- [4]. Wikipedia. (2014). Student information system. Retrieved from http://en.wikipedia.org/wiki/Student_information_system
- [5]. Student Examination Result Processing System. (2012). Retrieved from: <http://15projects.com/projects/wpcontent/uploads/2012/06/Student-Examination-Result-Processing-System.docx>