

Advanced Database Management System and Design(CS632)

Deliverable Four

By

Kijit Desai (kd227)

Priyanka Phalak (pup4)

Savio Dsouza (ssd37)

Question:

Our topic is to build a primitive DATING DATABASE with WEB FRONT END using the same people that you already have in your database since Homework 1.

Your table PERSON has to be modified so that it contains the following information:

PERSON:

- Complete Name
- Gender (m or w)
- Birth Year
- Person ID
- Image link

(The URL of a picture, see below, stored as a varchar2(100)).

The PERSONINTERESTS table does not change.

Your Web frontend has to have

- A MENU letting you choose either a man or a woman
- An entry field MINIMUM AGE
- An entry field MAXIMUM AGE
- A MENU that allows you to select one INTEREST. One choice should be "do not care".
- A SUBMIT Button

A user would enter values into all these fields.

If nobody in the database conforms to these selections, then an appropriate message should be given.

When clicking on SUBMIT, the system should return all people in your database with an

age between MINIMUM and MAXIMUM (including these two values) which are Men or

Women, as requested, and who have the one interest selected. If the interest selected is

"do not care" then people should be selected just by age and gender. In other words,

people with all interests are fine in this case.

Your program has to be YEAR SAFE. In other words, you cannot include "2008" in the

code, because it still has to compute the correct ages in 2009, 2010, etc.

Solution:

For the solution we have two webpages. There is one input and output page.

*****Code for Input Page*****

Index.HTML

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
"http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<link rel="stylesheet" type="text/css" href="style.css" />
</head>

<body>
  <div id="page">

    <div id="header">
      <h1>New Jersey Institute of Technology's Friend Finder</h1>
      <h2>The first online friend finding portal for all the people of find
friends.</h2>

    </div>
    <div id="bar">
      <ul>
        <li><a href="#">Fill out our interest form and we will try to find you the
best results</a></li>

      </ul>
    </div>
    <div class="contentTitle"><h1>Interest Info Form</h1></div>
    <form id="form1" name="form1" method="post" action="result2.php">
    <p>Gender</p>
    <p>
      <label>
        <input type="radio" name="Gender" value="M" id="RadioGroup1_0" />
        Male</label>
      <br />
      <label>
        <input type="radio" name="Gender" value="F" id="RadioGroup1_1" />
        Female</label>
    </p>
    <p>Minimum Age
      <select name="MinAge" id="MinAge">
        <option value="18">18</option>
        <option value="19">19</option>
        <option value="20">20</option>
        <option value="21">21</option>
        <option value="22">22</option>
      </select>
    </p>
  </div>
</body>
</html>
```

```
<option value="23">23</option>
<option value="24">24</option>
<option value="25">25</option>
<option value="26">26</option>
<option value="27">27</option>
<option value="28">28</option>
<option value="29">29</option>
<option value="30">30</option>
<option value="31">31</option>
<option value="32">32</option>
<option value="33">33</option>
<option value="34">34</option>
<option value="35">35</option>
<option value="36">36</option>
<option value="37">37</option>
<option value="38">38</option>
<option value="39">39</option>
<option value="40">40</option>
<option value="41">41</option>
<option value="42">42</option>
<option value="43">43</option>
<option value="44">44</option>
<option value="45">45</option>
<option value="46">46</option>
<option value="47">47</option>
<option value="48">48</option>
<option value="49">49</option>
<option value="50">50</option>
</select>
</p>
<p>Maximum Age
<select name="MaxAge" id="MaxAge">
  <option value="18">18</option>
  <option value="19">19</option>
  <option value="20">20</option>
  <option value="21">21</option>
  <option value="22">22</option>
  <option value="23">23</option>
  <option value="24">24</option>
  <option value="25">25</option>
  <option value="26">26</option>
  <option value="27">27</option>
  <option value="28">28</option>
  <option value="29">29</option>
  <option value="30">30</option>
  <option value="31">31</option>
  <option value="32">32</option>
  <option value="33">33</option>
  <option value="34">34</option>
  <option value="35">35</option>
```

[illegible]

</div>

</body>

</html>

*****Code for Output Page*****

result.HTML

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
"http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

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

<link rel="stylesheet" type="text/css" href="style.css" />

<title>CS 632 Project</title>

</head>

<body>

<div id="page">

<div id="header">

<h1>New Jersey Institute of

Technology's Friend Finder</h1>

<h2>The first online friend finding portal for all the people of find
friends.</h2>

</div>

<div id="bar">

WoW!! You've really got some search here! Lets see what
we have in store for you

</div>

<body>

<?php

include_once"mysql_connect.php" ;

\$gender= \$_POST['Gender'] ;

\$min = \$_POST['MinAge'];

\$max = \$_POST['MaxAge'];

\$like = \$_POST['likes'];

//echo \$gender ;

//echo \$min;

```

//echo $max ;
//echo $like;

$min2 = date('Y') - $min ;
$max2 = date('Y') - $max ;

//echo $min2 ;
if(!isset($_POST['likes']))
{
    echo "erroooooor" ;
}
?>
<table border="1" >
<?php
if ( $like=="idc" )
{

$query= mysql_query("SELECT DISTINCT * FROM Person WHERE
Person.Gender='$gender' and Person.BirthDate>='$max2' and
Person.BirthDate<='$min2' ");

while($rows=mysql_fetch_array($query))
{
?>
<tr>
<td>
<?php
        $id= $rows['PersonID'];
        $name= $rows['FirstName'];
        $img= $rows['Image'];
        echo "Name: $name <br> " ;

?>
</td>
<td>

</td>
</tr>
<?php
}

}
else {
$query= mysql_query("SELECT DISTINCT * FROM Person, PersonInterest
WHERE Person.Gender='$gender' and Person.PersonID=PersonInterest.PersonID and
PersonInterest.Interest='$like' and Person.BirthDate>='$max2' and
Person.BirthDate<='$min2' ");

while($rows=mysql_fetch_array($query))
{

```

```

?>
<tr>
<td>
<?php
                                $id= $rows['PersonID'];
                                $name= $rows['FirstName'];
                                $img= $rows['Image'];
                                echo "Name: $name <br> " ;

?>
</td>
<td>

</td>
</tr>
<?php
}
}

?>

</table>
</body>
</html>

```

*****Code for Database Connectivity*****

```

<?php

$db_host = "localhost";
$db_username = "root";
$db_pass = "";
$db_name = "adbms";

@mysql_connect("$db_host","$db_username","$db_pass") or die (" could not
connect to mysql");
@mysql_select_db("$db_name") or die("no databse");

?>

```


Screen shots:

1. This is when the User opens the webpage

localhost

hadoop for mac Hadoop Tutorial - YDN Running_Had...adoop Wiki

Reader

New Jersey Institute of Technology's Friend Finder

The first online friend finding portal for all the people of find friends.

Fill out our interest form and we will try to find you the best results

Interest Info Form

Gender

☒ Male
☐ Female

Minimum Age

Maximum Age

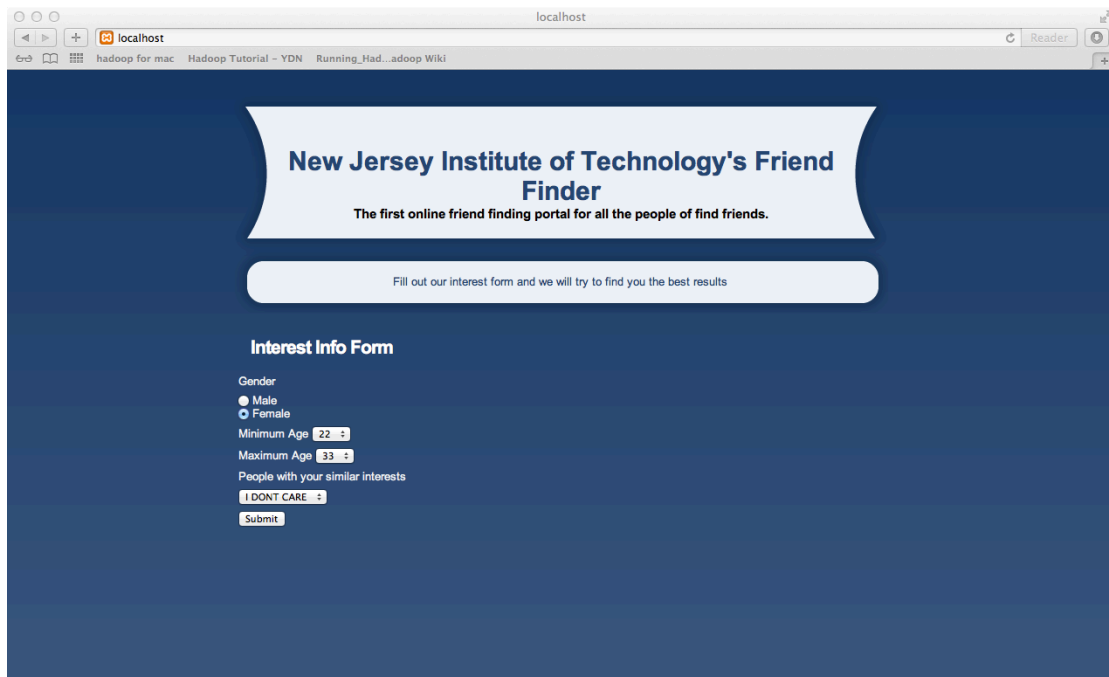
People with your similar interests

2. This is when the User selects his preferences

The screenshot shows a web browser window with the address bar set to 'localhost'. The page title is 'New Jersey Institute of Technology's Friend Finder'. Below the title, a subtitle reads 'The first online friend finding portal for all the people of find friends.' A message box says 'Fill out our interest form and we will try to find you the best results'. The 'Interest Info Form' contains the following fields: Gender (radio buttons for Male and Female, with Male selected), Minimum Age (a dropdown menu showing '18'), Maximum Age (a dropdown menu showing '29'), and People with your similar interests (a dropdown menu showing 'Swimming'). A 'Submit' button is at the bottom of the form.



3. This is when User selects “I don’t Care”



A screenshot of a web browser showing a form titled "New Jersey Institute of Technology's Friend Finder". The subtitle reads "The first online friend finding portal for all the people of find friends." Below this is a light blue button that says "Fill out our interest form and we will try to find you the best results". The form itself is titled "Interest Info Form" and contains the following fields: "Gender" with radio buttons for "Male" and "Female" (Female is selected); "Minimum Age" with a dropdown menu showing "22"; "Maximum Age" with a dropdown menu showing "33"; and "People with your similar interests" with a dropdown menu showing "I DONT CARE". A "Submit" button is at the bottom of the form.

