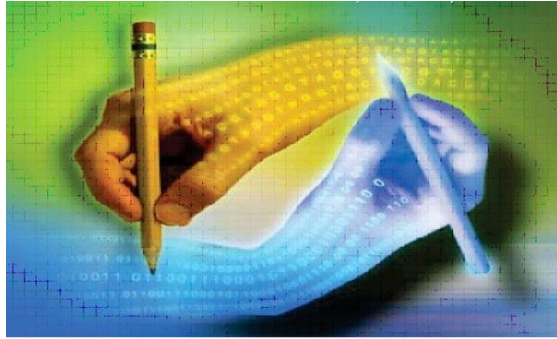


Project Report

On

“Online Examination System”



Submitted By:

1. Bhavika Dwivedi
2. Harshita Chourasiya
3. Saloni Baghel

Guided By

Dr. Shraddha Masih

School of Computer Science & IT

CERTIFICATE

This is to certify that this report embodies the original work done by **Bhavika Dwivedi, Harshita Chourasiya and Saloni Baghel** during this project submission as a partial fulfillment of the requirement for the Bachelor in Computer Application of VI SEM, of the School of Computer Science & IT, DAVV Indore.

ACKNOWLEDGEMENT

The satisfaction that accompanies that the successful completion of any task would be incomplete without the mention of people whose ceaseless cooperation made it possible, whose constant guidance and encouragement crown all efforts with success.

We are grateful to our project guide Dr.Shraddha Masih for the guidance, inspiration and constructive suggestions that helpful us in the preparation of this project.

Bhavika Dwivedi

Harshita

Chourasiya

Saloni Baghel

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Introduction

ONLINE TEST SYSTEM

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 simulator 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.
- Can be used anywhere any time as it is a web based application(user Location doesn't matter).
- 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

OVERVIEW:

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 there individual login. But in this project there is only one login id i.e. administrator id and password by which a person enter the site. Hence it is more secure and reliable than previously used on-line test simulators.

TEST:

Test page is the most creative and important page in this project. It consists of 2 modules namely:

- ❖ Subject selection
- ❖ Utilities

Subject selection:-

From the given choices the candidate can select his field (like C, C++ and JAVA etc) for taking on with the test.

Utilities:-

It includes:-

- ❖ Skip and come back to the question afterwards if needed.
- ❖ 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:

HTML

JAVASCRIPT

CSS

Back end as:

Php

Server:

Xampp

Database:

MYSQL

Querying language:

Sql

Feasibility

Study

FEASIBILITY STUDY

1.) ECONOMIC FEASIBILITY

Economic analysis is most frequently used for evaluation of the effectiveness of the system. More commonly known as cost/benefit analysis the procedure is to determine the benefit and saving that are expected from a system and compare them with costs, decisions are made to design and implement the system.

This part of feasibility study gives the top management the economic justification for the new system. This is an important input to the management, because very often the top management does not like to get confounded by the various technicalities that bound to be associated with a project of this kind. A simple economic analysis that gives the actual comparison of costs and benefits is much more meaningful in such cases.

In the system, the organization is most satisfied by economic feasibility. Because, if the organization implements this system, it need not require any additional hardware resources as well as it will be saving a lot of time.

2.) TECHNICAL FEASIBILITY

Technical feasibility centers on the existing manual system of the test management process and to what extent it can support the system.

According to feasibility analysis procedure the technical feasibility of the system is analyzed and the technical requirements such as software facilities, procedure, inputs are identified. It is also one of the important phases of the system development activities.

The system offers greater levels of user friendliness combined with greater processing speed. Therefore, the cost of maintenance can be reduced. Since,

processing speed is very high and the work is reduced in the maintenance point of view management convince that the project is operationally feasible.

3) BEHAVIOURAL FEASIBILITY

People are inherently resistant to change and computer has been known to facilitate changes. An estimate should be made of how strong the user is likely to move towards the development of computerized system. These are various levels of users in order to ensure proper authentication and authorization and security of sensitive data of the organization.

EXISTING SYSTEM

The whole process of assigning test and evaluating their scores after the test, was done manually till date. Processing the test paper i.e. checking and distributing respective scores used to take time when the software was not installed.

DISADVANTAGES OF CURRENT SYSTEM

- The current system is very time consuming.
- It is very difficult to analyze the exam manually.
- To take exam of more candidates more invigilators are required but no need of invigilator in case of on line exam.
- Results are not precise as calculation and evaluations are done manually.
- The chances of paper leakage are more in current system as compared to proposed system.

Result processing takes more time as it is done manually

CHAREACTERSTIC OF THE PROPOSED SYSTEM

The online test created for taking online test has following features

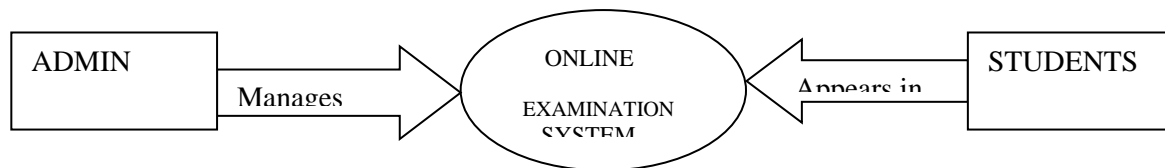
- In comparison to the present system the proposed system will be less time consuming and is more efficient.
- Analysis will be very easy in proposed system as it is automated
- Result will be very precise and accurate and will be declared in very short span of time because calculation and evaluations are done by the simulator itself.
- The proposed system is very secure as no chances of leakage of question paper as it is dependent on the administrator only.
- The logs of appeared candidates and their marks are stored and can be backup for future use.

Data flow diagram

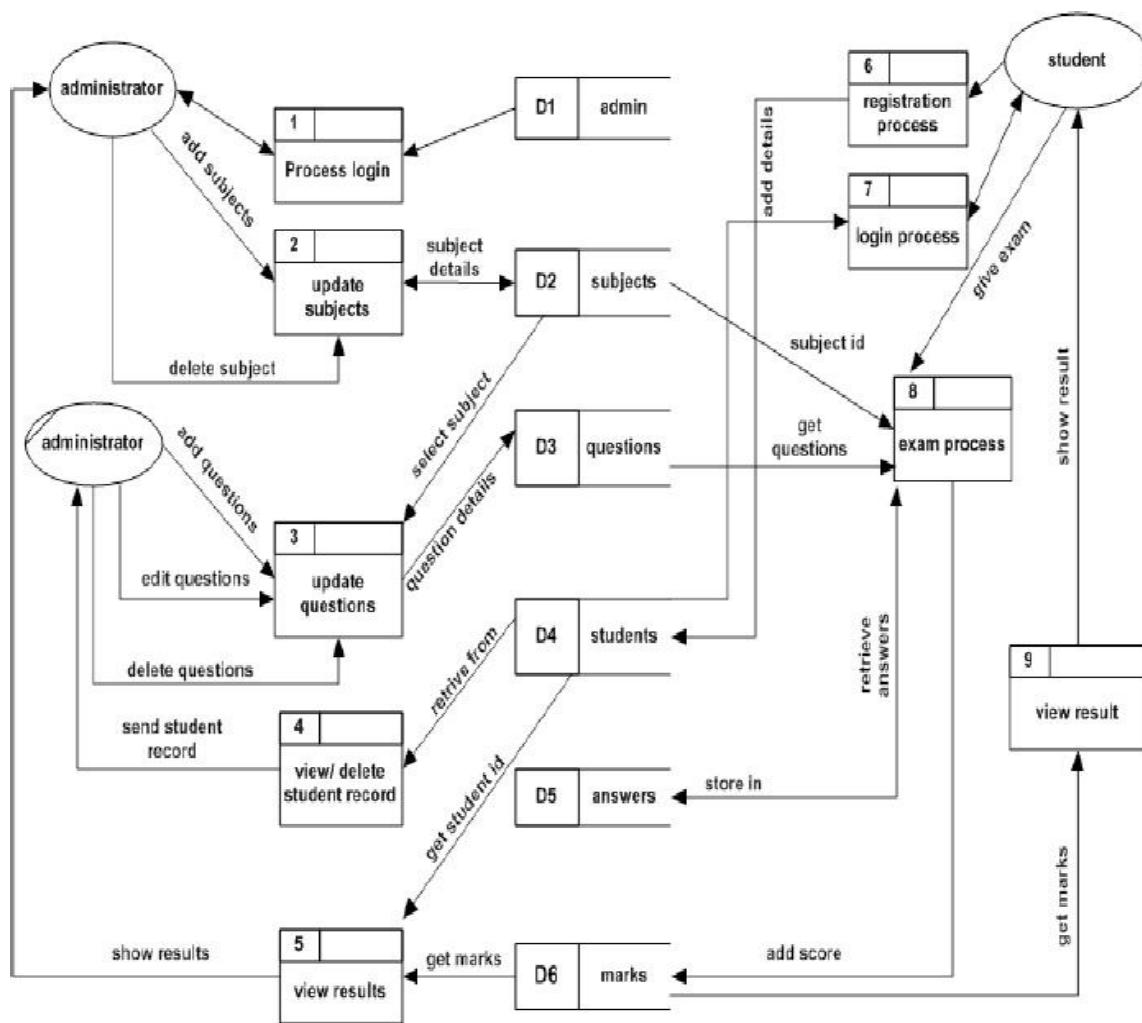
The text 'Data flow diagram' is rendered in a large, bold, sans-serif font. Each letter is filled with a different color from a rainbow spectrum, starting with purple for 'D', transitioning through red, orange, yellow, green, and blue. The letters have a slight 3D effect with a soft shadow cast to the right and slightly forward. The background is a solid, light gray.

Data Flow Diagram of online test

ZERO LEVEL



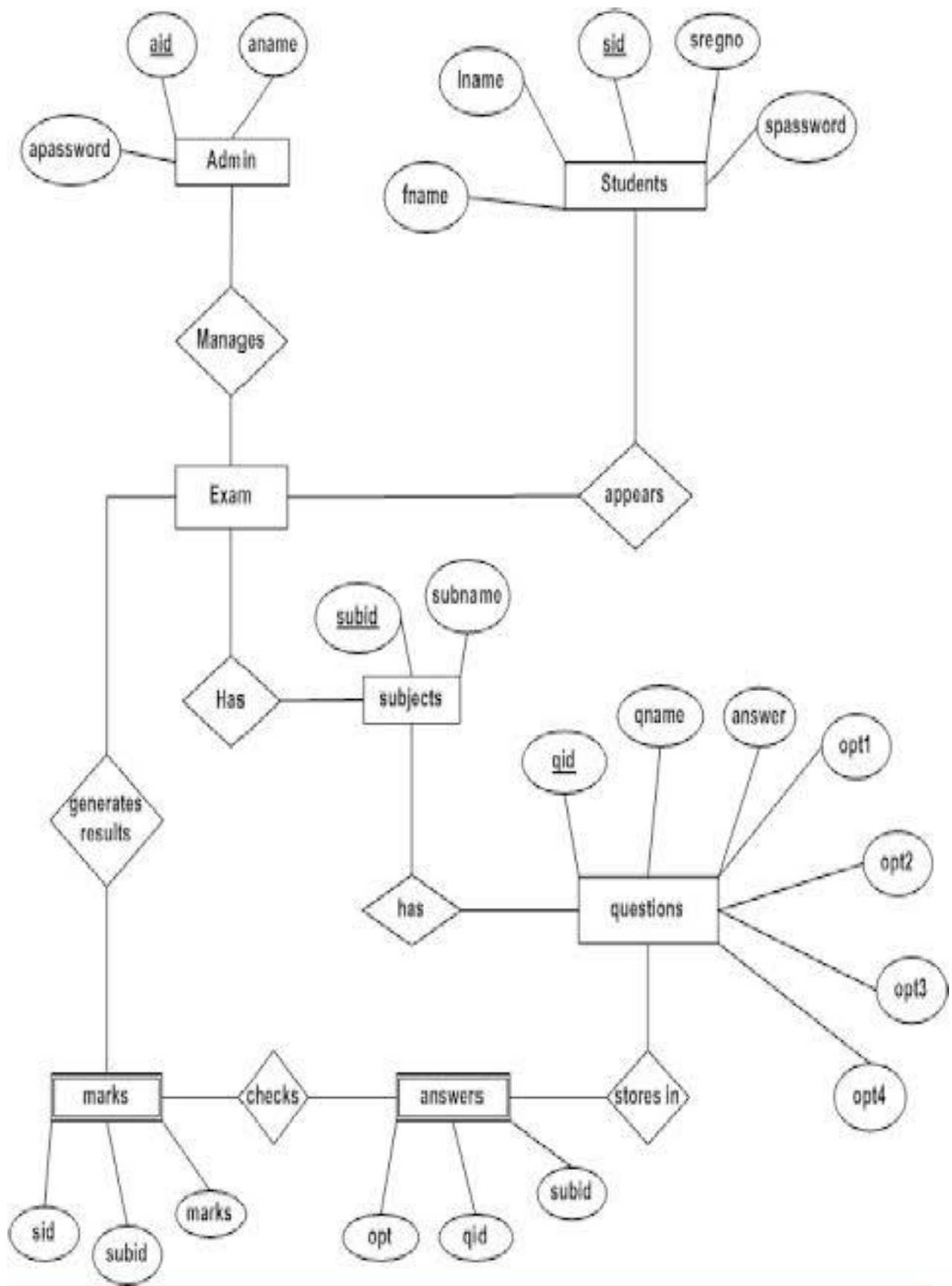
ONE LEVEL



Entity Relation

Diagram

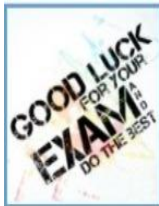




Screenshots

1. Login Form

1. This login Form is made For Security purpose.
So only Authenticated User only Access in to the Project.



Online Examination System

Online Examination In Technical Core Subject for

Welcome to Online Examination Portal

Test

Welcome to Online Examination Portal. This Site will provide the test (**Multiple Choice Questions**) for various core subject of interest. You need to login for appear the online examination.

User Login

Login ID

Password

Invalid Username or Password

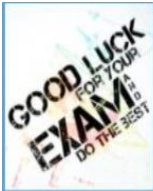
Login

New User? [Register Here](#)

Forget Password? [Forget pass](#)

```
graph TD; THINK --> IDEA; IDEA --> TRY; TRY --> DO_AGAIN[DO AGAIN]; DO_AGAIN --> KEEP_ON_DOING[KEEP ON DOING AND AGAIN]; KEEP_ON_DOING --> Success; TRY --> DO_AGAIN; DO_AGAIN --> TRY
```

2.Section page



Online Examination System

Online Examit

[Home Page](#) | [Logout](#)

Choose Subject for Online Examination

- ☐ [VB](#)
 - ☐ [Oracle](#)
 - ☐ [Java](#)
 - ☐ [PHP](#)
 - ☐ [Computer Fundamental](#)
 - ☐ [Networking](#)
-

3. Question page



Online Examination System

Online Exami

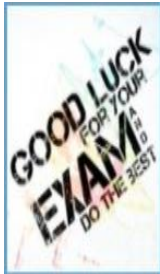
[Home Page](#) | [Logout](#)

Que 2: What is Default Form Border Style ?

- ☐ Fixed Single
- ☐ None
- ☐ Sizeable
- ☐ Fixed Dialog

Next Question

4 Result



Online Examination System

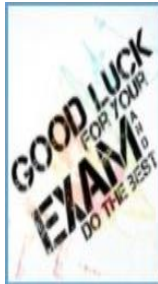
Online Examination in Technic

[Home Page](#) | [Logout](#)

Result

Test Name	Total Question	Score
VB Basic Test	3	0
VB Basic Test	3	1

5Admin
page



Online Examination System

Online Exami

Welcome to Administrative Area



[Add Subject](#)



[Add Test](#)



[Add Question](#)

CODE

```
<?php
session_start();
?>

<html>

<head>
    <title>Online Examination</title>
    <link href="style-sheet.css" rel="stylesheet" type="text/css">
</head>

<body>
    <?php
        include("header.php");
        include("database.php");
        extract($_POST);
        if(isset($submit))
        {
            $rs=mysql_query("select * from mst_user where login='$loginid' and pass='$pass'");
            $arr=mysql_fetch_array($rs);
            if(mysql_num_rows($rs)<1)
                $found="N";
            else
            {
                $_SESSION[login]=$loginid;
                $name = $arr['username'];
                $email = $arr['email'];
            }
        }

        if (isset($_SESSION[login]))
        {
            echo "<font face=Verdana>Welcome, $name</font>";

                echo '<table align="center">
                    <tr>
                        <td><a href="sublist.php"></a></td>
                        <td><a href="sublist.php"><font face=Verdana>Subject Selection</font></a></td>

                        <td><a href="result.php"></a></td>
                        <td><a href="result.php"><font face=Verdana>View Result</font></a></td>
                    </tr>
                </table>
                ';;

                exit;
            }
        ?>

        <table width="100%">
```

```

<tr>
  <td width="70%" height="25">&nbsp;</td>
  <td width="1%" rowspan="2" bgcolor="#0B4C56"><span class="style6"></span></td>
  <td width="29%" bgcolor="#0B4C56" align="center">
    <font face="Verdana" color="#FFFFFF">User Login</font>
  </td>
</tr>
<tr>
  <td height="296" valign="top">
    <font face="Verdana">
      <div align="center">
        <h1 style="color:#15504E;">Welcome to Online Examination Portal</h1>
        <span class="style5">
          <!---->
          <span class="style7"></span>
        </span>
        <param name="movie" value="english theams two brothers.dat">
        <param name="quality" value="high">
        <param name="movie" value="Drag to a file to choose it.">
        <param name="quality" value="high">
        <param name="BGCOLOR" value="#FFFFFF">
        <p align="left" class="style5">&nbsp;</p>
        <blockquote>
          <p align="left" class="style5"><span class="style7">Welcome to Online
Examination Portal. This Site will provide the test <strong>(Multiple Choice
Questions)</strong> for various core subject of interest.
You need to login for appear the online examination.</span></p>
        </blockquote>
      </div>
    </td>
  </font>
  <td valign="top">
    <form name="form1" method="post" action="">
      <table width="200" border="0">
        <tr>
          <td>
            <font face="Verdana" color="#0B4C56">Login ID </font>
          </td>
          <td><input name="loginid" type="text" id="loginid2"
style="height:35px;width:238px;font-size:13pt;font-
face:Verdana;color:#06535A;border:2px solid #0BC1D2;">
          </td>
        </tr>
        <tr>
          <td>
            <font face="Verdana" color="#0B4C56">Password</font>
          </td>
          <td><input name="pass" type="password" id="pass2"
style="height:35px;width:238px;font-size:13pt;font-
face:Verdana;color:#06535A;border:2px solid #0BC1D2;">
          </td>
        </tr>
        <tr>
          <td colspan="2" align="center"><span class="errors">
            <?php
            if(isset($found))

```



```

        {
            echo "<font face=\"Verdana\" color=\"\#EA2323\">Invalid Username or
Password</font>";
        }
    ?>
        </span></td>
    </tr>
    <tr>
        <td colspan=2 align="center" class="errors">
            <input name="submit" type="submit" id="submit" value="Login"
class="button1">
        </td>
    </tr>
    <tr>
        <td colspan="2" bgcolor="#0B4C56">
            <div align="center">
                <font face="Verdana" color="#FFFFFF">New User? <a href="signup.php"
style="color: #33C6C2">Register Here</a></font>
            </div>
        </td>
    </tr>
    <tr>
        <td colspan="2" bgcolor="#8585e0">
            <div align="center">
                <font face="Verdana" color="#FFFFFF">Forget Password? <a
href="forget.php"
style="color: #000099">Forget pass</a></font>
            </div>
        </td>
    </tr>
</table>
<div align="center">
    
</div>
<!--<p class="style5">
</p>-->
</div>
</form>
</td>
</tr>
</table>
<?php
?>
</body>
</html>

```

Conclusion

The On line test System is developed using Java and sql fully meets the objectives of the system for which it has been developed. The system has reached a steady state where all bugs have been eliminated. 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.

Future Scope

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

Few of them are:-

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