Green University of Bangladesh
Department of Computer Science and Engineering (CSE)
Faculty of Sciences and Engineering
Semester: (Fall, Year: 2022), B.Sc. in CSE (Day)
Course Title: Web Engineering.
Course Code: CSE 438   Section: 203 D3

Lab Project Name: Saiful Training Center.

<ins>Student Details</ins>

	Name	ID
1.	Saiful Islam	173002049

Submission Date   : 05-01-2023

Course Teacher's Name   : Md. Ashiqussalehin

[For Teachers use only: **Don't Write Anything inside this box**]

<ins>Lab Project Status</ins>

Marks: …………………………   Signature: ....

Comments: ....   Date: ....

Topic

Saiful Training Center

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- ➢ Project Objective.

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- ➢ Feasibility Analysis.

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Introduction:

This system is an online system that can be accessed throughout the organization as well with proper registration provided. Our system has one type of accessing modes, administrator only. Saiful training center is managed by an administrator. It is the job of the administrator to admit and monitor the whole process. When a user registration in to the system. He would only view details of the student. He can't perform any changes. They are User Administrator Student is to apply for the Packages by filling an application form provided by online. System administrator viewing information put up by the students.

Project Objective:

1. HTML & CSS.
2. PHP.
3. Database.

System Analysis:

System analysis aims at establishing requests for the system to be acquired, developed. It involves Packages and analyzing the ways of an organization currently processing the data to produce information. Analyzing the problem thoroughly forms the vital part of the system study. In system analysis, prevailing situation of problem carefully examined by breaking them into sub problems. Problematic areas are identified and information is collected. Data gathering is essential to any analysis of requests. It is necessary that this analysis familiarizes the designer with objectives, activities and the function of the organization in which the system is to be implemented.

Proposed System:

The main goal of the system is to automate the process carried out in the organization with improved performance and realize the vision of paperless admission. Some of the goals of the system are listed below:

- ❖ Manage large number of student details.
- ❖ Manage all details of student who registered for Packages.
- ❖ View all the details of the students.
- ❖ Reduce the work load in interview the students for selection
- ❖ Activities like updating, modification, deletion of records should be easier.

Feasibility Analysis:

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 is made to design and implement the system.

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. It is technically feasible, since the whole system is designed into the latest technologies like PHP and SQL Server which are the most recent technologies to develop web based systems and design databases.

Project Interface:

Students List

ID	Student Name	Gurdian Name	Contact	Email	Address	Class	Shift	Gender	Blood Group	Packages	Action
0	Saiful Islam	NEO	01679681640	saifulislamsany44@gmail.com	West Shewrapara	10	1	male	A+	1	
0	Sany	SS	1232	244txgaming@gmail.com	West Shewrapara	Microsoft	1	male	A+	1	

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phpMyAdmin

Recent Favorites

There are no favorite tables.

- New
- crudoperation
- db_admission
  - New
  - student
- information_schema
- mysql
- performance_schema
- phpmyadmin
- test

Server: 127.0.0.1 » Database: db_admission » Table: student

Browse Structure SQL Search Insert Export Import Privileges Operations

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✔ Showing rows 0 - 1 (2 total, Query took 0.0001 seconds.)

SELECT * FROM `student`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

Extra options

id	sname	gname	contact	email	address	class	shift	gender	blgroup	packages
0	Saiful Islam	NEO	01679681640	saifulislamsany44@gmail.com	West Shewrapara	10	1	male	A+	1
0	Sany	SS	1232	244txgaming@gmail.com	West Shewrapara	Microsoft	1	male	A+	1

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label: ☐ Let every user access this bookmark

Bookmark this SQL query

Source Code:

```php
<?php
$cn = mysqli_connect("localhost", "root", "", "db_admission");


?>


<!doctype html>
<html lang="en">

<head>

    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">


    <link href="https://fonts.googleapis.com/css?family=Roboto:100i,300,300i,400,700" rel="stylesheet">


    <link rel="stylesheet" href="assets/css/bootstrap.min.css">
    <link rel="stylesheet" href="assets/css/font-awesome.min.css">
    <link rel="stylesheet" href="assets/css/owl.carousel.min.css">
    <link rel="stylesheet" href="style.css">

    <script src="assets/js/jquery-3.2.1.slim.min.js"></script>

    <title>Training Student List</title>
    <link rel="shourtcut icon" type="image/png" href="assets/img/favicon.png">
</head>

<body>

    <div class="header-area header-absoulate">
        <div class="container">
            <div class="row">
                <div class="col-md-4">
                    <div class="logo">
                        <a href="">
                            <i class="fa fa-home"></i>
                            <span>Saiful Training <span id="na">Center</span></span>
                        </a>
                    </div>
                </div>

                <div class="col-md-7">
                    <div class="main-menu">
                        <?php include('menu.php'); ?>
                    </div>
                </div>
                <div class="col-md-1 text-right">
                    <span class="social-icon">
                        <a href="https://www.facebook.com/ability.scientist/"><i class="fa fa-facebook"></i></a>
                        <a href="https://docs.google.com/forms/d/e/1FAIpQLSfu6RdKkAt-t-mvXd9FGxjOfSpMSCZ-XawDO1KQNegR4hJuIw/viewform?usp=sharing"><i class="fa fa-google-plus"></i></a>
                    </span>
                </div>
            </div>
        </div>
    </div>
```

```php
        <div class="welcome-area">
            <div class="owl-carousel slider-content">
                <div class="single-slider-item slider-bg-1">
                    <div class="slider-inner">
                        <div class="container">
                            <div class="row">
                                <div class="col-md-12">
                                    <div class="slide-text">
                                        <h2>We provide office applicatoin packages</h2>
                                        <p>Here you can learn Microsoft office word,<br>Exel, Powerpoint etc.</br>
                                            Also you can learn about troobleshooting.</br>
                                            <i>Saiful Islam</i>
                                        </p>
                                        <a href="" class="boxed-btn">learn more <i class="fa fa-long-arrow-right"></i></a>
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
                <div class="single-slider-item slider-bg-2">
                    <div class="slider-inner">
                        <div class="container">
                            <div class="row">
                                <div class="col-md-12">
                                    <div class="slide-text">
                                        <h2>We provide graphics design full packages</h2>
                                        <p>Here you can learn about our graphics course like adobe illustrator,<br>
                                            adobe photoshop, adobe premiere pro and etc.

                                            <br><i>Saiful Islam</i>
                                        </p>

                                        <a href="" class="boxed-btn">learn more <i class="fa fa-long-arrow-right"></i></a>
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>

        <div class="content-area">
            <div class="container-fluid">
                <div class="row">
                    <div class="col-md-12">

                        <?php include ('controller.php'); ?>

                    </div>
                </div>
            </div>
        </div>
```

Database Query:

```
CREATE TABLE `student` (
 `id` int(20) NOT NULL AUTO_INCREMENT PRIMARY KEY,
 `sname` varchar(200) NOT NULL,
 `gname` varchar(200) NOT NULL,
 `contact` varchar(50) NOT NULL,
 `email` varchar(100) NOT NULL,
 `address` varchar(2000) NOT NULL,
 `class` varchar(10) NOT NULL,
 `shift` int(11) NOT NULL,
 `gender` varchar(10) NOT NULL,
 `blgroup` varchar(5) NOT NULL,
 `division` int(11) NOT NULL
);
```

Environmental Setup:

Processor: Ryzen 5 2600X Six Core CPU @ 3.60 GHz 4.20 GHz

RAM: 16 GB.

OS: Windows 10 Professional.

Language: HTML, CSS & PHP.

IDE: Visual Studio Code.

Database: MySQL.

Conclusion:

This system, being the first we have created in PHP, has proven more difficult than originally imagined. While it may sound simple to fill out a few forms and process the information, much more is involved in the selection of applicants than this. Every time progress was made and features were added, ideas for additional features or methods to improve the usability of the system made themselves apparent. Furthermore, adding one feature meant that another required feature was now possible, and balancing completing these required features with the ideas for improvement as well as remembering everything that had to be done was a project in itself.

Reference:

- Online Admission System Project Report | PDF | Software Testing | Php (scribd.com)

- FREE DOWNLOAD MANAGEMENT SYSTEM PROJECT REPORT WITH SOURCE CODE IN ASP.NET JAVA AND PHP FOR IGNOU: STUDENT ADMISSION MANAGEMENT SYSTEM PROJECT REPORT (ignousupport.blogspot.com)