

# Academic Project Work Reporting System

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**Abstract:** *The Project is entitled as “ACADEMIC PROJECT WORK REPORTING SYSTEM”. Universities, colleges, faculties these days have a lot of task to be completed in given timeline. This application provides an easy way to student communicate faculty about project. All the details of the projects are added by admin. This Academic Project Work Reporting System provides an easy way to faculty in searching the details of projects. . In an educational year every department students of ultimate year are doing their project and meet up with the actual department. It's maintained in papers. In our project students will transfer their final year comes in our web site. in order that the workers will simply read the standing of the actual student project. All the details of the projects are added by the Admin. It has 3 Modules namely Student, Faculty and Admin. Students are asked to login, fills the academic details. Teachers can login, and view assigned projects. Admin can login and can view the all-project details of students and their report based on their project.*

**Keywords:** HTML, My SQL, PHP, Reporting System, Web based system

## I. SYSTEM SPECIFICATION

### 1.1 Hardware Specification

- Processor: AMD C-60 APU with RADEON HD Graphics
- RAM: 4GB x

### 1.2 Software Specification

- Operating System :Windows 10
- Front End : PHP with Html & CSS
- Back End. : My SQL
- Server : Wamp Server

### 1.3 Software Description

#### A. Front End

The Software used for this project is “PHP”. PHP is an HTML embedded scripting language .The goal of this language is to allow web developers to write dynamically generated pages quickly. PHP generally runs on a web server. PHP acts as a filter, taking input from a file or stream. PHP is transforming into a modern scripting language with helpful features like namespaces, traits, closures and built in op code cache. Modern php is our guide to the new PHP, and it will show you how to build and deploy PHP applications using community standards, good practices and interoperable components [3]

#### HTML

Hypertext Markup Language is the standard markup language for creating web pages and web applications. HTML elements are the building blocks of the HTML pages.HTML provides a means to create structure documents by denoting structural semantic for text such as headings, paragraphs, lists, links, quotes and other items. HTML is a Descriptive Structural Lanuage. HTML requires no compiler, simply good programming text editor, many of which are open source free downloads [2]

### **CSS**

Cascading sheets could be a vogue sheet language used for describing presentation of a document written in terminology like HTML. CSS is intended to alter the separation of presentation and content, together with layout, Colors and fonts. The combination of HTML 4 and Cascading Style Sheets (CSS) separates the information on a Web page from the stylistic instructions. Paradoxically, this gives the author a greater ability to set a consistent style for a Web site. This article presents illustrative examples of very basic uses of CSS. [1]

### **B. Back End**

The package used because the backside, that's the storage section is MySQL. The Structured source language could be a very hip info language and its standardization makes it quite straight forward to store, update and access information. One amongst the foremost powerful SQL servers out there is known as MySQL. MySQL could be an electronic information service Management System. Although there are many other databases technologies besides MySQL. The development of the current database technology cannot be separated from the database technology created by My SQL [4]

## **II. SYSTEM ANALYSIS**

### **2.1 Existing System**

In the existing system, all the coed info is supplemental manually and therefore the information is keep within the records. within the existing system, there's a chance of losing time and no correct maintenance of information. the utilization of linear search in file handling may increase time quality.

#### **A. Drawbacks of Existing System**

- Manual work
- Security of knowledge is low plenty of your time consumed
- Frequent occurrence of error

### **2.2 Proposed System**

The proposed system provides the student an easy and accurate data about projects . Students can view all the information in just one click which saves a lot of time and effort. The proposed system maintains a database to store all the information. In this system, there is no chance of losing data. Adding and searching the information is very easy which does not take much time and physical effort. The proposed system maintains a database to store all the information. In this system, there is no chance of losing data. Adding and searching the information is very easy which does not take much time and physical effort.

#### **A. Features of the Proposed System**

- Large volumes of data can be stored with ease
- Security is assured
- Stored data and procedures can be easily edited
- Less manpower required

## **III. PROJECT DESCRIPTION**

### **3.1 Module Description**

The system comprises of 3 major modules with their sub-modules as follows:

- Admin
- Student
- Faculty

#### **ADMIN**

- **Login:** Admin can login using credentials.

- **Manage Faculty:** Admin can manage faculties.
- **View Academic Details:** Admin can see academic details of the students and their Project.
- **Manage Notice:** can manage notice.

#### **Student**

- **Register:** Student can register and obtain credentials.
- **Login:** student can login using credentials.
- **Profiling and Academic Details:** Student can fill his personal details and academic details.
- **View Projects:** Students can store the projects.

#### **Faculty**

- **Login:** Faculties can login into the website using credentials.
- **Approve Students:** They can approve the particular student project View Assigned Events: They can see the assigned events.
- **View Notice:** They can also view the notice.
- Authorized administration, exam section and other faculty members are assigned with the username and password to access the Student Performance Analysis System.

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Here the basic details of college like name, address, contact, fax.

#### **About Us**

Here the basics details of college like college name, founder, founded year, Autonomous year.

### **IV. SYSTEM DESIGN**

#### **4.1 Input Design**

Input design is the link that ties the data system into the planet of its users. The input style involves determinant the inputs, substantiating the info, minimizing the info entry and providing a multi-user facility. Inaccurate inputs are the foremost common reason behind errors in processing. Errors entered by the info entry operators will be controlled by input style. The user-originated inputs are born-again to a computer-based format within the input style. Information, input file, computer file are collected and arranged into teams of comparable data. Once known, the suitable input media are designated for the process. All the information, input file, computer file are valid and if any data violates any conditions, the user is warned by a message. If the info satisfies all the conditions, it's transferred to the suitable tables within the info. During this project the scholar details are to be entered at the time of registration. A page is meant for this purpose that is user friendly and straightforward to use. The look is finished such users get acceptable messages once exceptions occur.

#### **4.2 Output Design**

Computer output is the most significant and direct supply of data to the user. Output style may be an important part since the output must be in an associate degree economical manner. An economical and intelligible output style improves the system relationship with the user and helps in higher cognitive processes.

### **V. SYSTEM TESTING**

#### **5.1 Testing**

System style is the answer for the creation of a brand new system. This part focuses on the elaborated implementation of the possible system. It stresses on translating style. Specifications to performance specification. System style has 2 parts of development: logical style Physical style throughout the logical style phase the analyst describes inputs (sources), outputs(destinations), databases (data sores) and procedures (data flows) in a format that meets the user needs. The analyst conjointly specifies the wants of the user at grade that nearly determines the {data} flow in and out

of the system and therefore the data resources. Here the logical style is finished through information flow diagrams and information style. The physical style is followed by physical style or secret writing. Physical style produces the operating system by processing the planning specifications, that specify precisely what the candidate system should do. The programmers write the required programs that settle for input from the user, perform necessary processes on accepted information and manufacture the desired report on a tough copy or show it on the screen.

### **5.2 Unit Testing**

The first take a look at within the development method is that the unit takes a look at. The source code is often divided into modules, that successively square measure divided into smaller units referred to as units. These units have specific behavior. The take a look at done on these units of code is named unit take a look at. Unit take a look at depends upon the language on which the project is developed. Unit tests make sure that every distinctive path of the web site performs accurately to the documented specifications and contains clearly outlined inputs and expected results.

### **5.3 Integration Testing**

Testing is that modules square measure combined and tested as a gaggle. Modules square measure usually code modules, individual applications, supply and destination applications on a network, etc. Testing once the merchandise is code complete. Betas square measure typically cosmopolitan or perhaps distributed to the general public at giant in hopes that they're going to get the ultimate product once it's unleashed.

## **VI. CONCLUSION**

The goal of the system is achieved and difficulties are solved. “ Academic Project Work Reporting System” PHP project satisfies all the requirements of students in searching the projects. This project also satisfies the requirement of admin in adding all the details of the project .

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