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Resource Management System

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ABSTRACT: -

The aim of the Resource Management System is to manage and make best use of the available resources to increase productivity and to reduce cost in building any product. It is a combination of human resource , equipment and information technology such that time , efforts and money can be saved and make the best use of skilled but non working employees as well as using machines and equipment which are not in use.

Key-Words: Resource, student, staff, management etc.

I. Introduction

The project focuses on the management of the data collected from various labs and equipment present in the lab .

RMS will basically build to reduce the efforts of students and cost of the project by using the available equipment and knowledge of our teacher and their assistant , in this way the product is made through the available equipment and knowledge and will generate maximum productivity.It will allow students to explore practical knowledge and different machinery and their work by using them to build their own working projects. It is done because the equipment and machinery available in the campus are not in use for all time.

II. Problem Formulation

The problem statement is to build a system in such a way that the equipment available in college can be accessed and used by the students for building projects under the supervision of technicians of respected equipment and machinery.

Thus, the system implemented has the following objectives:

Objective 1: To provide an interface where students can check the availability of equipment.

Objective 2: To provide a platform where students can access various lab equipment whenever they need , by just requesting through our website.

Objective 3: To design a website that is easy to use.

III. Literature Review

This research deals with different topics with in human resource management. Literature review of any research evaluates the different kinds of information and research already available in different kind of sources. Literature works as a base for any quantitative research methodology that is it gives support to the research outcomes. It also helps the researcher to gain good knowledge about the topic which eventually helps him or her in their thesis building. Here there is different kind of literature regarding HR, HR administration, Outsourcing and how these terms relate to each other.

IV. Methodology

A methodology study is an analysis of how successfully a system can be implemented, accounting for factors that affect it such as economic, technical, and operational factors to determine its potential positive and negative outcomes before investing a considerable amount of time and money into it.

This project will be developed using following modules:

STAFF: The Staff which can perform the following activities:

• Login.

• Add Equipment with all the details.

• Update inventory

• Manage availability status

• Database backup

• Can view and edit the equipment details.

• Can view the student's details .

• Logout.

STUDENT: The student module can perform the following task:

•Can view the equipment details.

• Can view the availability of equipment.

• Can request for using a particular equipment.

V. Result Discussions

Resources Management System mainly focuses on giving students a chance to access the available resources and   equipments to learn and use them for their project, this system is different from the offline version as this system provide students to see the details of equipments online on their web browser , they can directly request to access the equipments which will reduce time consuming and make process less painful and department will also have the data of all the students who accessed the equipments which will eliminate the paperwork and its management .

VI. Conclusion

•Students can see the equipment details online and can select the perfect equipment for their study or work.

•This system allows students to request directly without writing an application to every head faculty of that particular lab.

•This system will reduce the painful work of managing the data on papers for the department and reduce time consuming work for students.

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