Student Result Management System

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Abstract: The technological development and have an effect on of computers and internet on our lives that has been verified over time affected a number sectors of activity. And nearly each mission today is being run via computer systems. In this paper, a computerized platform for managing the results of all categories of students in a seamless and interactive manner is presented. The system was developed using PHP, CSS, HTML, MYSQL and was hosted locally using an Apache webserver. The present-day lookup aims at growing a web-based scholar result administration system, decreasing time, effort and improving security. The methodology adopted for the elaboration of the lookup is based on a qualitative study. Use case diagram is presented to show the different categories of the system users and the various functionalities associated with the different system users. Screenshots of various system functionalities are presented from the test run of the functional system. Firstly, ER design of the Student Result Management System is described, and numerous factors are covered in it. Secondly, a practical module design for Student Result Management System is provided, in which three kinds of users are designed in this system, that is, admin, faculties, and students.

Keywords: System Administration, Student Online Result, Educational Institute, Graphical User Interface.

I. INTRODUCTION

To listing the university in top ranking in greater education device and to turn out to be phase of top five hundred global University competitor, each University desires a qualitative and quantitative dynamic report and data evaluation device for decision making. It has delivered evolution in almost every field, it changed the ways of teaching, administration of activities such as e-learning, e-library, and online portals the place teachers and students communicate, and sharing of data has by no means been better.

Considering the contemporary state of affairs in the college pupil management process, the student administration machine is of great significance to satisfy the new requirement of the development of student management. Hence, it is very urgent to improve a realistic and high-quality student management device using technological innovation. The destination of our research is to efficiently clear up the prominent contradiction and issues between the heavy workload and the shortage of human assets in modern student management.

II. LITERATURE SURVEY

HTML: The HyperText Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript.

CSS: Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

PHP: PHP is a general-purpose scripting language especially suited to web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994. The PHP reference implementation is now produced by The PHP Group.

The Apache HTTP Server: The Apache HTTP Server, colloquially called Apache, is a free and open-source cross-platform web server software, released under the terms of Apache License 2.0. Apache is developed and maintained by an open community of developers under the auspices of the Apache Software Foundation.

MySQL: MySQL is an open-source relational database management system. Its name is a combination of "My", the name of co-founder Michael Widenius's daughter, and "SQL", the abbreviation for Structured Query Language.

III.   MODULE

Student Result Management System divided into three modules–
●   Student
●   Faculty
●   Admin

Admin Features
●   Admin Dashboard
●   Admin can add/update/ Class
●   Admin can add/update/ Subjects
●   Admin can add/update/ Active/Inactive Subject combination with class
●   Admin can register a new student and also edit info of the student
●   admin can declare/ edit the result of a student.
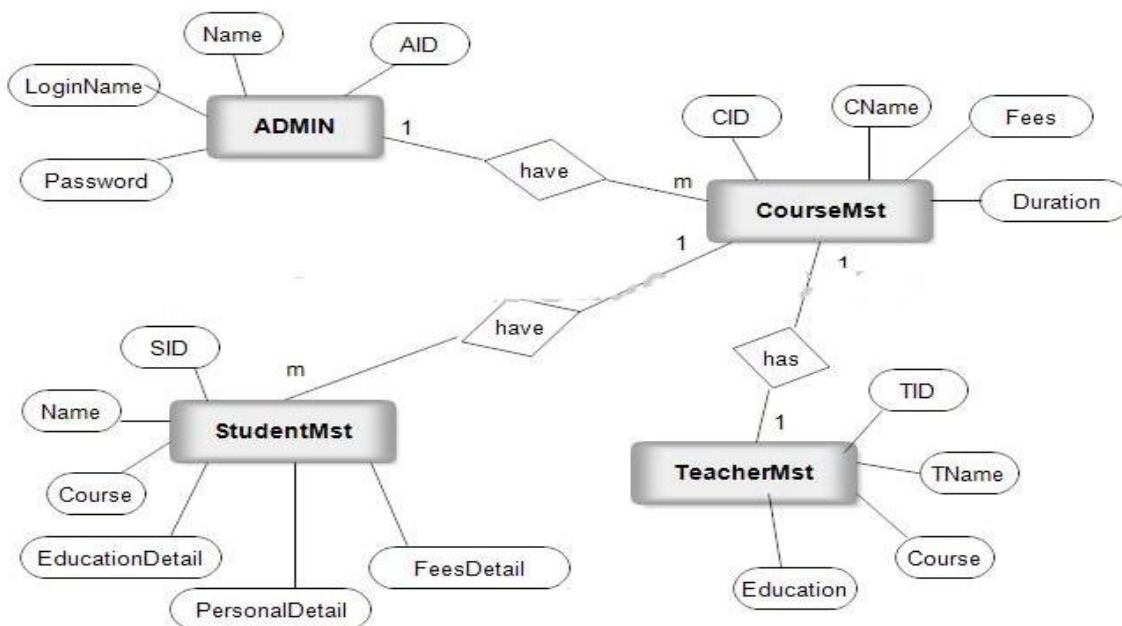●   Admin can change own password

Faculty Features
●   Faculty can do the marking for their subject
●   Faculty can register to their subjects
●   Faculty can change own password

Student Features

●   Students can search their results using a valid roll-id.
●   Student can view their result
●   Student can print the result.

E-R Diagram

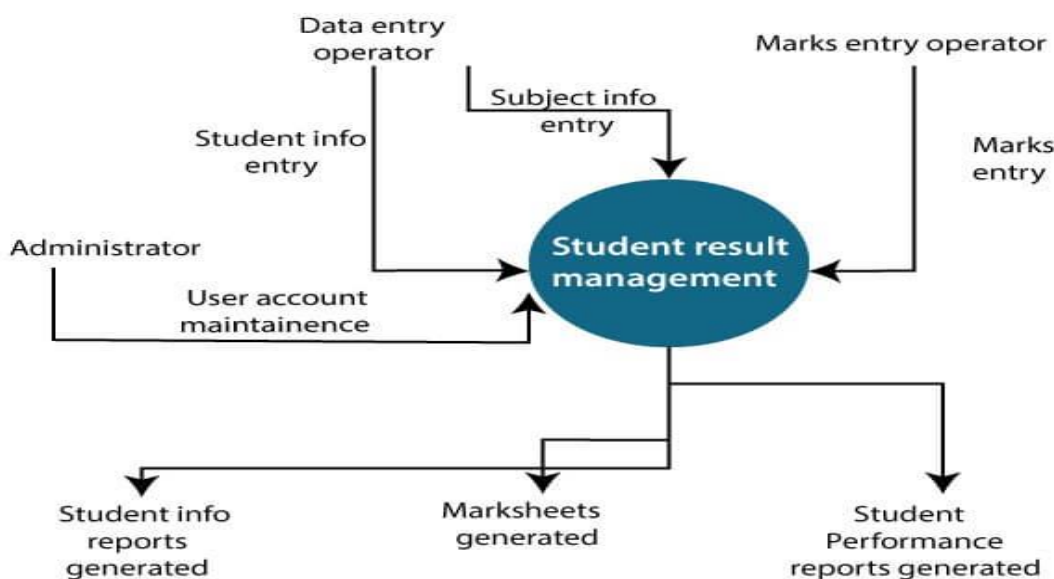

Fig-1 E-R Diagram

Fig-2 Level-0 DFD of Student Result Management

IV.   CONCLUSION

In this paper, Student Result Management System (SRMS) is introduced. The product is intended to address the difficulties confronting understudies' records of the board in school. The SRMS is created utilizing PHP, MYSQL, HTML, CSS, JAVASCRIPT and was facilitated locally with Apache web worker. Likewise, a Participatory Steady Process Model (PIP Model) is utilized as the product improvement philosophy. Useful deterioration of the framework and its key modules are given to clarify the significant functionalities proffered by the framework. Likewise, use case graph is introduced to show the various classifications of the framework clients and the different functionalities related the distinctive framework client.

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