INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN COMPUTER & COMMUNICATION ENGINEERING

INTERNATIONAL STANDARD SERIAL NUMBER INDIA

Impact Factor: 8.165

An Online Student Mentoring System

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ABSTRACT: Mentoring is a conventional method of transferring knowledge and ideas from a confirmed professional in an society to an inexperienced member in the sector. Education sector has found mentoring as quite effective tool since long back and with the advent of new technologies, comes an idea of online mentoring, which is also referred to as mentoring. Instead of face-to-face meetings, Student Mentoring System uses asynchronous, electronic communications to establish and support the relationship between mentor and the student using virtual mode. E-Mentoring uses computerized medium to transfer knowledge and skills from teacher to student. It basically focuses on student and faculty relationship. E- Mentoring is fundamentally developed to improve the performance of students by assisting mentors to understand the problems of students more effectively and easily. In order to achieve this, a rating system is also included using which mentors can easily evaluate and sort the performance of the students and concentrate on those who need there guidance.

KEYWORDS: Mentoring, Admin Login Mentor Login, Student Login, Performance, Model

I. INTRODUCTION

To Development and securing of excellence human resources under both the internal and external environmental changes are a key deciding factor of the national competitiveness. However, due to the poor vocational training or career guidance services in college. The colleges have not been playing its role in the transition to the professional world for their students, who consequently cannot meet the demand from industry. Currently, most of colleges provide students with relevant information and vocational guidance via systems such as an on/off-line career information office or consultation center, and an internship. However, since a systematic connection between individual students is not made, its effect is utterly limited. Vocational training or career guidance service in the college is poor, and thus colleges cannot play its right role in the transition of college students to the professionals stage after graduation. Therefore, it is considered that college graduates generally cannot meets the demand from Industry.

II. LITERATURE REVIEW

Student Mentoring System is a Client Server model, which acts as an Interface between Teacher and Student. It strives to reduce the work load of students in entering their details and at the same time enable the Mentors to access their students more efficiently. It makes use of two tire architecture that acts as an interface between the teacher and the student. It is developed on a client-server model that has a user application on client side and the data source on the server side. This application is built under java runtime environment using complete object oriented programming techniques to handle the real world issues in the system. The total frontend is planned and developed with the help of php, html, css. The backend data is handled by MySQL.

III. METHODOLOGY

The objective of this methodology is to develop an Online Student Mentoring System to promote and encourage students to actively participate in the academic activities. Our project replaces the conventional and inconvenient method by this system of clearing doubts in classes which involves the mentor and student to be physically present at the same time.This context increases the importance of this project. This project bridges the existing gap between a mentor and students due to the time constraints.
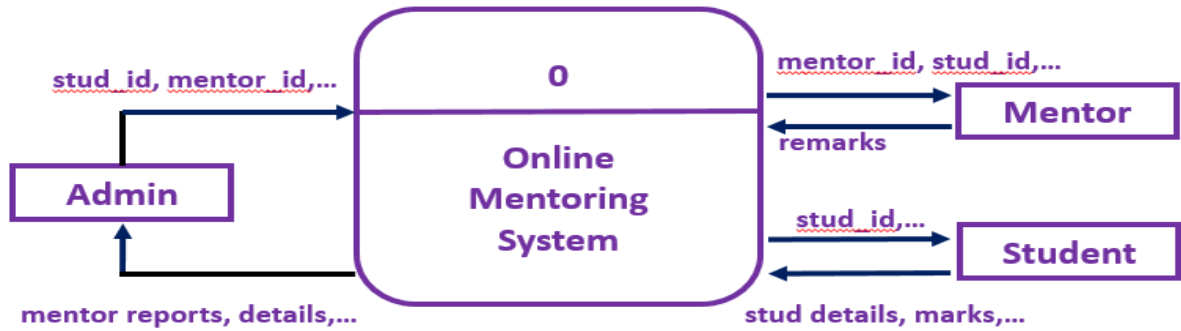
IV. **SIMULATION RESULTS**

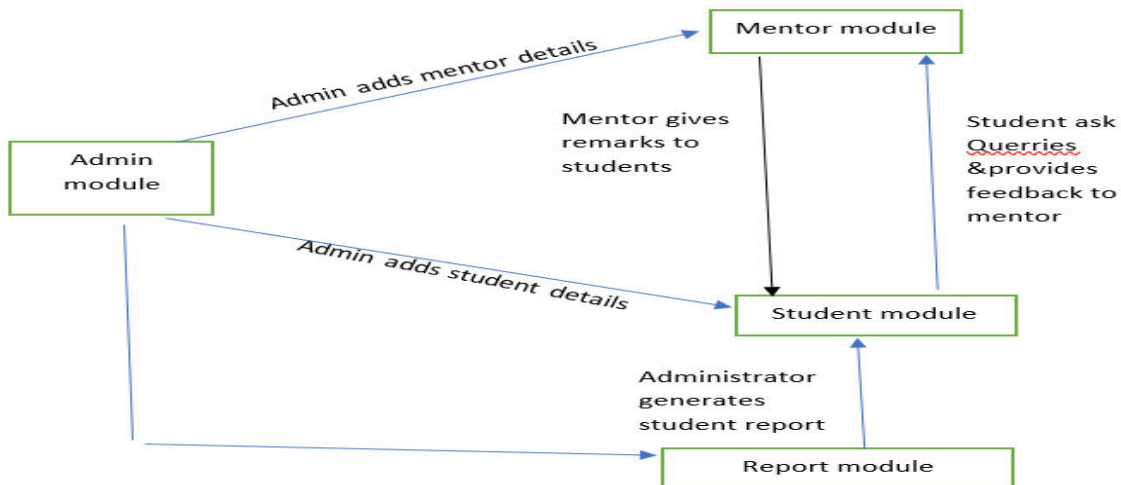
Figure 1 System Overview

Figure 2 System Architecture

V. CONCLUSION AND FUTURE WORK

The scope of this project is to develop a system that can interact more accurately with student and teacher. This project enhances the communication between student and mentor there by improving the academic performances of the student. Each student is graded according to their Performances and they receive questions based on these grades. Their grades may improve or fall based on their performances. As stated before, this project enhances the communication between student and mentor there by improving the academic performances of the student. Each student is graded according to their Performances and they receive questions based on these grades. Their grades may improve or fall based on their performances. Hence varying levels of attention can be given to the students.

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