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Design and Implementation of Student Feedback System at Education System

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Abstract: **- The main aim and objective was to plan and program web application for any domain. We have to apply the best software engineering practice for web application. As a web application developer, I was asked to develop an "Student Feedback System" using PHP and MySQl. This system is generally used by four kinds of users Student, Faculty, Head of departments, Admin. The application should evaluate the answers given by the students based on the feedback which will be given by the range. 1 – 10 and grade has to be generated to all the staff members of a particular department. These feedback report was checked by the HOD's. He can view overall grades and view the grades obtained to the lecturers and give this report to the principal and he can give counselling to the college staff. "By using this online system, we make it better and quick way."**

Keywords**- Feedback, student, student feedback system.**

I. INTRODUCTION

We have developed Student Feedback System to provide feedback in an easy and quick manner to the college principal. So we call it as Student Feedback System which delivers via the student staff interface as online system which acting as a Service Provider. By using this technology we can make fast feedback about the staff by students on time to head of departments as they referred in online system. This project has two kinds of modules Student and Admin. The student can give feedback in online system provided by college staff. This feedback report is checked by the Principal. He can view grades and view the grades obtained to the lecturers and give this report to the principal and he give counselling to the college staff.

1.2 PROBLEM STATEMENT

This work focus on the student feedback system which will be in place at education organisations for better teaching and learning process with corrective measures to bring the quality in education system.

1.3 CONTRIBUTION

a. ADMIN MODULE
b. STUDENT MODULE

1.4 PAPER CONTENT

In section 2, we discussed literature survey. In section 3 deals with implementation part, in section 4 Results and Discussion, In section 5 we discuss Test cases applied and section 6 with conclusion.

II. LITERATURE SURVEY

This paper provides an overview of online student feedback systems in tertiary institutions. It is then introduce a student feedback online system (SuFO) developed and used in a public university in Malaysia. Subsequently, this paper describes how data from SuFO is used to observe the quality of teaching between experience and inexperience lecturer. The evaluation is based on students' response in SUFO that measured the lecturers' ability based on the lecturer's professionalism and teaching methods. The results of this preliminary investigation to compare the quality of teaching between experience and inexperience lecturers are included. The results indicated from the student feedback on teaching quality of experience and inexperience lecturers is inconclusive since both categories of lecturers obtained low and also high rating from students [1]. To achieve success in any teaching program it is very important to have adequate communication between teachers and students. Feedback given by student helps teachers to improve on performance and behavior. Semantic web (SW) technology is a promising approach for data selection and retrieval. Different web mining techniques are used for extracting useful information from web data. In this paper the main focus is to extract knowledge from the feedback given by the students and this can be done

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by firing Sparql Query in Ontology. This knowledge can be represented in meaningful form. [2,3]

Online student feedback system is the web based feedback collecting system from the students and provides the automatic generation of a feedback which is given by students. We have developed student feedback system to provide feedback in a quick and easy manner to the particular department. So we called it a student's feedback system which delivers via the student staff interface as online system which acting as a service provider. By using this technology we can give feedback in online system as fast as compare to the existing paper feedback system. The existing system carries more time to do a piece of work for this reason the online system feedback is implemented. Students will fill online feedback using a standard form. In this project security is also maintain that is the result of feedback is only visible to authentic user.[4]
[5],[6],[7] deals with student feedback system which can be implemented.

III. IMPLEMENTATION

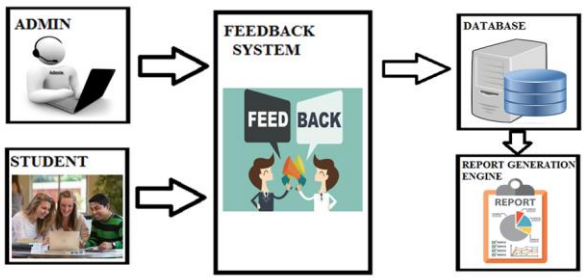

Figure 1 : Architectural Diagram

The following modules are implemented
1. Student: It will be used by the student to give the feedback by using his login credentials.
2. Admin: This module provides the functionalities like add, delete, modify the content of the faculty and updating the format of report generations.
3. Database: It will be used to maintain the data required for student feedback system.

IV. RESULTS AND DISCUSSION

The various reports generated from the feedback given by the students towards teaching learning process. Following reports will be generated for analysis by the higher authorities to correct the process, which will improve the quality of teaching and learning process.
1. Individual faculty feedback report.
2. Consolidated class wise report.

V. TEST CASES

• Software testing is a critical element of software quality assurance andrepresents the ultimate reuse of specification. Design and code testingrepresents interesting anomaly for the software during earlier definition anddevelopment phase, it was attempted to build software from an abstractconcept to tangible implementation.
• The testing phase involves, testing of the development of the system usingvarious techniques such as White Box Testing, Control Structure Testing.
• A strategy for software testing must accommodate low-level tests that arenecessary to verify that a small source code segment has been correctlyimplemented as well as high level against customer requirements.

VI. CONCLUSION

The Project "Student Feedback System" is designed in order reduce the burden of maintaining bulk of records of all the students feedback details of who study in an Educational Institution. Inserting, retrieving and updating the feedback details of a student are easy when it is compared to the manual feedback and storing. Maintaining the project is also easy which can is easily understandable. Maintaining the details in the database is manageable.

VII. FUTURE ENHANCEMENTS:

Due to the lack of time, the design part is not done so attractive. Further enhancements can be made in designing the screens. Some more forms can also be added so as to better retrieve the feedback details. Various other options can also be added for the better usability of project

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