

**Online Student Feedback System**Samruddhi Vijay Jadhav<sup>1</sup>, Apeksha Kuber Patil<sup>2</sup>, Priti Vijay Koshti<sup>3</sup>, Balaso Babuao Yadav<sup>4</sup><sup>1,2,3,4</sup> Computer Science and Engineering Department, DKTE's Yashwantrao Chavan Polytechnic, Ichalkaranji

**Abstract** — In recent times, higher education institutions have been paying close attention to student opinions about the experience of learning and teaching through internal surveys. The online feedback system is a web-based application that provides students' feedback to college's base online. This online system is a good place to find the kind of feedback you need and it is efficient to get feedback analysis. Students provide feedback online through the use of a standard designed form. In the proposed system, security is included, the result of which is visible only to accredited users. Online feedback is an indispensable feature of evaluating effective and efficient teaching and learning methods. Report is made in the proposed system for creating and the semantic web seeks to recreate the existing web concept that will enable us. Advanced automation of web content, so that data can be distributed and processed by humans and software.

**Keywords**- feedback analysis, security, semantic web

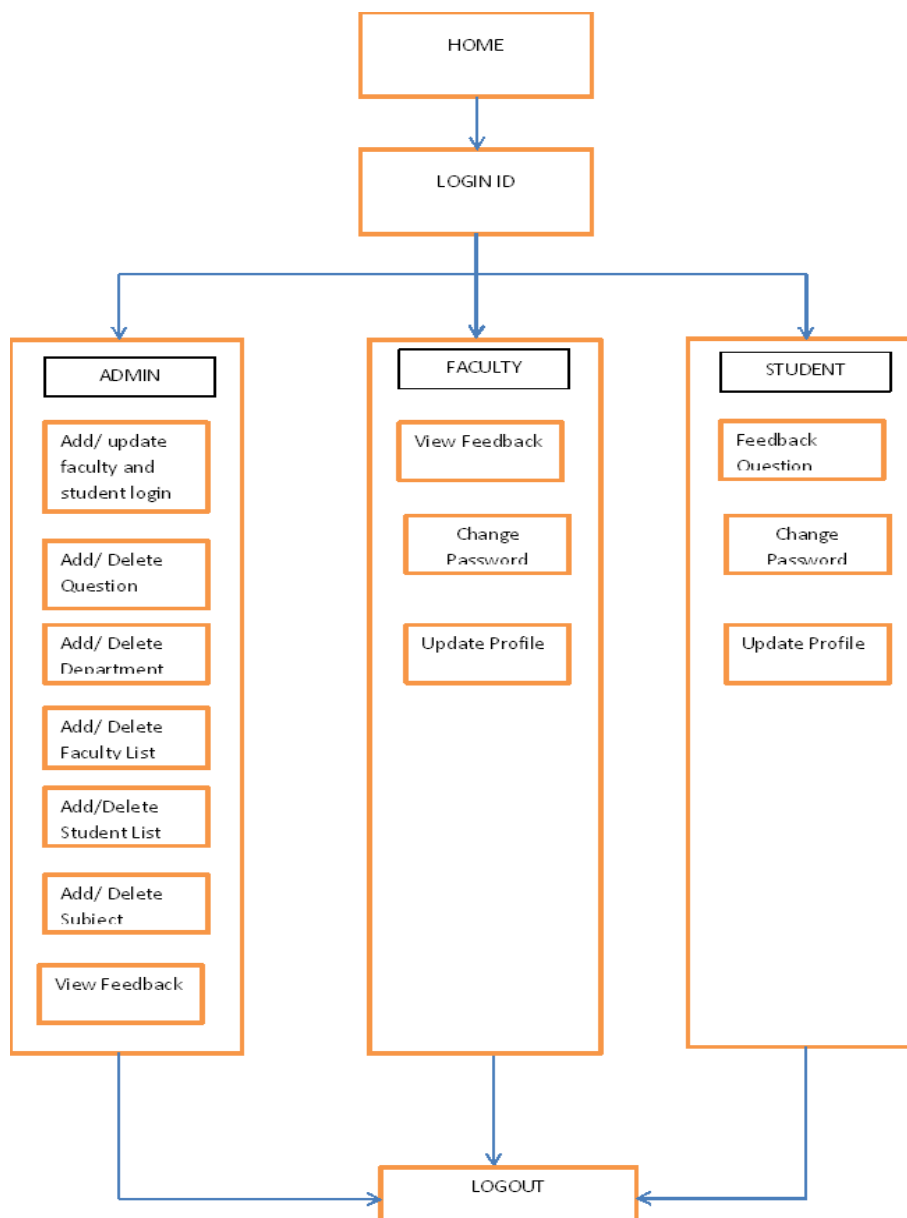
**I. INTRODUCTION**

Concerns about the organizational methods and processes considered in terms of “student feedback”, students are concerned about the level of knowledge they have received [6]. This process illustrates that there is a good correlation between the learning environment of the students and the validation of that overall learning environment. In the current system, students themselves can give feedback about lectures. After giving feedback, papers are collected by staff and total grades for each subject, and each lecturer is calculated. It then looks at all the grade reports HOD has given by the professor. But through this process, students can give feedback in the online system without wasting their time in manual effort. So the lecturers performance is automatically estimated. So, existing systems spend more time doing some work and for this reason online system feedback is implemented. This is a powerful way to enhance and strengthen student learning. Creating teaching and teaching methods and teaching students opinions will be considered as the primary factor on which teaching and learning quality are assessed. The idea of feedback is to take corrective actions based on the desired and real value that can be implemented in several ways. Student feedback on their curriculum topics is an essential element in quality assurance. Standardized questions are very important for students to relate to because they are a great tool for collecting information in a purposeful, detailed, and systematic manner, which informs the students' perspectives on the curriculum as well as their strengths and weaknesses. Changes in delivery methods, course content and course guidance.

The layered architecture of semantic web of applications has recently been developed in fields and disciplines, including education. The Semantic Web is an extension of WWW that enables people to distribute content beyond the restrictions of applications and websites [1]. For the development of the human mind, both formal and informal are important. The primary importance is the ability of humans to learn effectively, in which form education is provided [2].

**II. SYSTEM ARCHITECTURE**

The architecture design of the proposed system in this paper is shown in Fig. 1. After successful login, students are given feedback on various criteria. Students fill out this form by clicking on the radio button, depending on the options. The proposed system has created five different forms for the user interface such as interface domains, faculty and students. Each user has a username and password for authentication purpose. Admins need to make the user more efficient and provide input for the user by activating the feedback form. The home domain homepage appears after giving the correct user name and password, and users like teachers, HODs, and principals are created, along with activating specific sections for feedback. The professor user can view their personal topic feedback report by logging in with their username and password. The HOD's and the Heads of the Institute can view the feedback in different categories and the percentage of professors is also generated. HOD's login can be viewed by their department's feedback, and the Headmaster can view the feedback of the entire organization.



**Fig.1:- System Achitecture**

### III. ADVANTAGES

This paper, in which the semantic web has been used, is useful for institutional use of the curriculum enhancement taught in response to student assessment data. It can also be used in organizations feedback. There are advantages to this system as follows

- Manual saves time in efforts- Providing feedback through an online system saves the time and labor of manual processing.
- Easy management of the process- The entire process of giving feedback, viewing reports, analyzing data can be easily managed. The result is automatically generated so it provides easy and quick feedback.
- Enhances faculty and students- Through analysis, students enhance teaching and teaching methods of teachers.

### I. IV. CONCLUSION

This method is implemented in such a way as to reduce the burden of maintaining a very high record of all feedback from the academic institute. It's easy to add, delete, retrieve and update user details, and to receive feedback online, compared to manual feedback processes and storage. Keeping details in a database is easy to manage and easy to retrieve. It enhances the quality of teaching and can be enhanced through evaluation of feedback. Further improvements can be made to the system's screen design. A few more forms may also be added for better recovery of feedback details.

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