

# Online College Feedback System

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**Abstract-** Feedback Analysis System is a web based application that provides platform for the college to get feedback. This is the best place to take feedback report given by the various kinds of people. It is efficient place to do feedback analysis and maintain security. Students, teachers and so on will fill feedback using a standard form. In this project, Security is also maintained so that feedback is visible to authenticated user. Feedback is a simplified feature of effective & efficient learning. It enhances & strengthens student learning and improvement of college. The purpose of feedback system is to gather information on learning as well as on lecturer's performance. Clients for this application are people who want to give various types of Feedback. Now based on User, the Feedback Form will be display and user will fill the form and submit it.

**Index Terms-** analysis, feedback, assessment, authentication traditionally, Databases, HTML, SQL.

## 1. INTRODUCTION

In today's world of online interaction, the electronic education is becoming an essential part of the academic domain. As we are facing the problem of strong growth of popularity of online courses, a need arises for a flexible and easily integrated online feedback system. Traditionally colleges have used paper and pencil surveys to collect the feedback. Normally, a portion of a regular lecture session is given to the distribution, completion, and collection of the paper-based surveys. Due to this paper based survey there is lots of paper wastage and time wastage. In order to solve this problem we are implementing web based Online College Feedback System which result in less time consuming and easy feedback analysis.

### 1.1 Project goals and objectives

The goals and objectives for this project will focus on implementing Online College Feedback System that will do the following:

- Facilitates coordination and information sharing between both the administrator and the users.
- It provides an open, flexible, reliable technology base.

### 1.2 Roles and responsibility

The user will login with his/her unique ID and

password, selects the feedback form and gives the feedback.

The administrator generates the final reports of the feedback which obtained from the user. Administrator can generate the individual reports as well as reports depending up to the need.

## 2. LITERATURE SURVEY

In Online college feedback system we can take fast feedback about the college by various types of users on time. In the existing system, user can give feedback about the college by doing it manually. After giving feedback by every user papers are collected by the faculty and calculated the overall grade for each subject and each faculty. After that all grade report is viewed by the HOD which is given by the faculty. Hence faculty performance is estimated. So, the existing system carries more time to do a piece of paper work for this reason the online system feedback is implemented. Users' feedback on courses is an essential element in quality assurance.

Questionnaires are of primary importance in the dialogue with students, since they are the best tool we currently have for collecting objective, detailed and reasonably systematic information on a wide range of questions, which: informs the teacher about students' perceptions of the lecture. Here we aimed to design online web application for issuing the feedback about the different entities so this is named as online college feedback system. Online college feedback System is used to provide feedback in a easy and quick manner to the college.

### **3. PROPOSED SYSTEM**

All of the users have equal access. None of the students lose this opportunity because of being absent from class. Web-based method requires a very small number of steps so the feedback results will be available faster. The web-based approach may have a large, one-time development cost, but it has relatively low operational costs. Proposed system has four kinds of users Student, Faculty, Administrator and other entities. The user can give feedback in online system provided by college. First of all, administrator can prepare questions and add, update these questions to the online system. After that it was viewed by the users and can give feedback about the college.

#### **3.1. Advantages:**

##### **I. Cut your time:**

Giving feedback on Online System saves time as compared to the manual process

##### **II. Enhance the staff:**

Find the details about the lecturer's interest in teaching to the students.

##### **III. Manage the entire process:**

The entire process of giving feedback and viewing that report can manage easily.

### **4. DIFFERENCES BETWEEN WEB BASED AND PAPER BASED**

#### **4.1. Accessibility**

The survey of teaching is usually administered at the end of the term, before the final examinations. The availability of the survey instrument online provides students with a greater opportunity to complete the survey at their convenience and when they have access to the Web. All of the students in the class have equal access to the web-based survey. None of the students lose this opportunity because of being absent from class

#### **4.2. Integrity of feedback**

Under the web-based method, the system authenticates the students using the authentication mechanisms. The authentication is necessary to ensure that each student provides feedback only once, and those students who are properly registered in that particular section can provide feedback for each course section.

#### **4.3. Time spent on providing feedback**

Most often, instructors administer paper-based surveys

at the end of the class time. In some cases, the time allowed to complete the surveys is short, and in some other cases students may be in a hurry to leave the class. While in web based student can give the feedback.

### **5. SYSTEM ARCHITECTURE**

In this project we have designs forms such as Student login form, admin login form and staff login form, Parents login form, passed out student login form. The student login form consists of user name and password. Students will login with valid user name and password which is provided by the admin user only. Student can change their password also using forget password option present in the student login form. The only student can login into the feedback forms those have greater than 75% attendance. If students have below 75% attendance and trying to login in the form then error message will be generated. After successful of login student can give feedback on various modules and the modules are staff, infrastructure, canteen, library, department and training and placement. Students can select the module by using drop down list box.

Another form is for main admin user. To enter in the admin form we have to log in first in the admin login form. After entering the right user name and password, the admin home page appears. Admin can view the feedback given by all the entities and also create and manage the database of all entities. Form has one more option for calculating the average of report. By calculating average it is easy to understand report.

One more form is there for staff in which staff can see average of feedback given by all the students for each individual subject. Next form is for parents in whom parents can give the feedback for infrastructure, canteen, department and training and placement. Next form is for passed out students in which they can give the feedback on staff, infrastructure, canteen, library, department and training and placement.

### **6. TECHNOLOGY USED**

#### **6.1. JAVA**

Java is a computer programming language that is concurrent, class-based, object-oriented, and specifically designed to have as few implementation dependencies as possible. It is intended to let application developers "write once, run anywhere" (WORA), meaning that code that runs on one platform does not need to be recompiled to run on another platform. To manage memory in the object lifecycle,

java uses an automatic garbage collector. Once objects are no longer in use the java runtime is responsible for recovering the memory, when objects are created by the programmer. Once no references to an object remain, the unreachable memories are allowed to be freed automatically by the garbage collector.

### **6.2. MySql**

MySQL is well known as world's most widely used open-source database (back-end). It is most supportive database for PHP as PHP-MySQL is most frequently used open-source scripting database pair. The user-interface which WAMP, LAMP and XAMPP servers provide for MySQL is easiest and reduces our work to a large extent.

### **6.3. CSS**

CSS Stands for "Cascading Style Sheet." Cascading style sheets are used to format the layout of Web pages. They can be used to define text styles, table sizes, and other aspects of Web pages that previously could only be defined in a page's HTML. The basic purpose of CSS is to separate the content of a web document (written in any markup language) from its presentation (that is written using Cascading Style Sheets). There are lots of benefits that one can extract through CSS like improved content accessibility, better flexibility and moreover, CSS gives a level of control over various presentation characteristics of the document. It also helps in reducing the complexity and helps in saving overall presentation time. CSS gives the option of selecting various style schemes and rules according to the requirements and it also allows the same HTML document to be presented in more than one varying style.

### **6.4. SQL**

SQL stands for Structured Query Language. SQL lets us access and manipulate databases. SQL is an ANSI (American National Standards Institute) standard. SQL can execute queries against a database ,retrieve data from a database, insert records in a database, update records in a database, delete records from a database, create new databases , create new tables in a database , create stored procedures in a database, create views in a database, set permissions on tables, procedures, and views.

### **6.5. JAVA SCRIPT**

JavaScript is considered to be one of the most famous scripting languages of all time. JavaScript, by definition, is a Scripting Language of the World Wide Web. The main usage of JavaScript is to add various Web functionalities, Web form validations, browser detections, creation of cookies and so on. JavaScript is one of the most popular scripting languages and that is why it is supported by almost all web browsers available today like Firefox, We used the browser Opera or Internet Explorer. JavaScript is considered to be one of the most powerful scripting languages in use today. It is often used for the development of client-side web development. JavaScript is used to make web pages more interactive and dynamic. JavaScript is a light weight programming language and it is embedded directly into the HTML code. JavaScript, as the name suggests, was influenced by many languages, especially Java.

### **7. CONCLUSION**

Online student feedback system provides most of the functionality that will required for student and faculty. Online college feedback system provides a better way for faster feedback. It is a feedback system which is meant for student and faculty. This project is design in order to minimize burden of maintaining bulk of records of all the student's feedback details. Inserting, retrieving and updating feedback details of all the entities are easy when it is compared to the manual feedback and storing. Maintaining the details in the database is manageable. Quickly summarizing all the efforts put into this assignments, we would like to conclude that this assignment has definitely helped us enhancing are web designing skills and improve existing knowledge in JAVA in a unique way. We learned how to implement database handling with JAVA using various MySQL commands and its structure. This assignment has helped in incorporating all the important necessary.

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