



# Student Feedback And Review System Using Python

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**Abstract:** *The Online Student Feedback and Review System is a web-based application developed using Python (Django), HTML, and CSS. The system allows students to securely submit their feedback on various subjects, which can only be viewed by authorized personnel such as the principal or HOD. The feedback is stored securely and protected from unauthorized access. Student needs to logging into the website and giving his/her feedback and can perform modifications too. But the restrictions here is once the student submits the report then he cannot modify later. Within this the student can successfully submit feedback on lecturers teaching and it very efficient manner.*

**Key Words–** Login page, Feedback Submission, Data Security, Admin Functionality.

## I. INTRODUCTION

To increase the quality of the education we have a concern about the quality of the teaching-learning process, good infrastructure, good library and other facilities in the college. So that, the literacy ratio will be increase and the quality of education will be provided. To overcome this problem, online feedback will be implemented. We develop the student feedback and review system. The student feedback and review system implement to check the student view on the various aspects of the feedback. To obtain this the feedback plays a vital role. In the past time, the feedback was taken manually, in that the time was more consumed as well as the analysis of feedback was not accurate.

By student feedback and review system report generation is consumes very less time. In student feedback and review system students gives feedback for teacher of particular subject for particular period of time. Feedback is sent to HOD to particular department as well as all department feedback to principle.

HOD has rights to whether feedback he student feedback and review system shows to respected teacher or not. After analyzing report HOD or principle conducts the meeting for staff by contact to them.

## II. LITERATURE SURVEY

Bharti Vidyapeeth University, Pune, this college has done work on online feedback system in year 2017. This project was done by Divyansh Shrivastava, Shubham Kesarwani, Amol K. Kadam, Aarushi Chhibber, Naveenkumar Jayakumar. The system which they are proposing is an interface between the faculties and students. This is a web based system where the database is very important. In the proposed system they have designed a student login form and an admin login form. Student will login in their student login form with a proper id and password which was set by them while registration After this the page with different subjects is displayed, where the subject is located and as per the selection done by the student, the student is directed towards the main feedback form where the student gives their feedback and submit it.

## III. NEED FOR STUDENT FEEDBACK

student feedback is a important key to overcome the many problems related to the college education process. student feedback is necessary to improve the lecturers' teaching, infrastructure, library and other facilities. if the proper evaluation has taken, then the student beneficial programs can be run.

#### IV. EXISTING SYSTEM

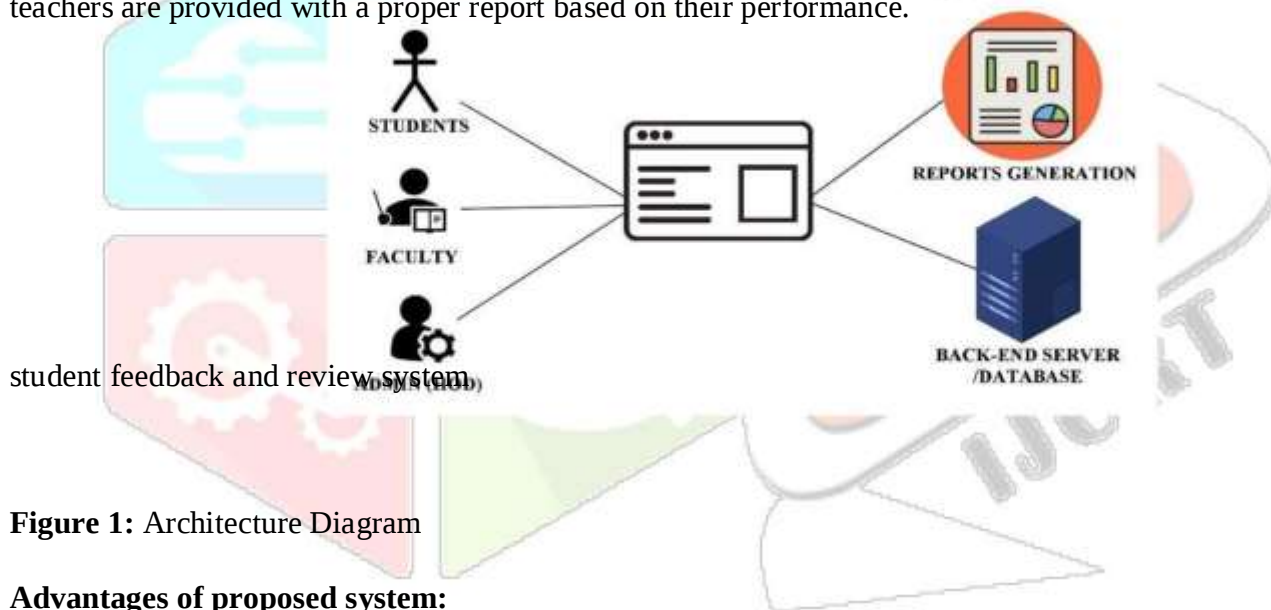
The existing system is entirely based on a manual process, where students are supposed to give feedback about lecturers via pen and paper. Now after the feedback is given by the students all the papers are collected by the faculties and HOD or principal of the institution are further required to evaluate each feedback and grade lecturers performance based upon the opinions of the students. So, the existing feedback system involves a lot of paperwork and it is undoubtedly a time-consuming task as it involves examining versatile feedbacks manually. Now due to this reason, the online student feedback system is developed and implemented by the institutions as it holds a major advantage over the existing system.

##### Disadvantages of existing system:

1. Involves a lot of paperwork
2. Comprises paper cost
3. Less accurate results
4. Limited reach and scalability
5. Inconvenience to the users

#### V. PROPOSED SYSTEM

The proposed system i.e. student feedback and review system is platform that organize and maintain multiple feedbacks of the students and provides to the admins in the process of examining feedbacks and grading lecturers. It concerns the participation of both the faculties and the students where in, students are digitally allowed to generate opinions on lecturers ranging from excellent, very good, good, satisfactory, to the poor based upon their knowledge. As earlier mentioned, this portal is equipped with a user-friendly interface so therefore, admins can effortlessly review and examine all the genuine feedbacks of the students, and moreover, teachers are provided with a proper report based on their performance.



**Figure 1:** Architecture Diagram

##### Advantages of proposed system:

1. Time and cost-effective
2. Increased accessibility
3. Better reach and scalability
4. Highly accurate results
5. User-friendly interface
6. Enhanced security
7. Report generation feature.

#### VI. METHODOLOGY

The project begins with a student login page where users can log in using their unique username and password. For new users or those who have forgotten their password, there are links available to register or reset their credentials. Once logged in, students are shown a list of course subjects. Upon selecting a subject, a feedback form opens where they can rate the course using options such as Excellent, Good, Average, Bad, and Poor. After submitting feedback, students are redirected to a confirmation page. If feedback for all relevant subjects

has already been provided, no subjects will appear on the list, and the student can simply log out.

The system comprises 3 major modules with their sub-modules as follows:

#### A. ADMIN:

**Registration:** The admin can register in the system using a username and password.

**Login:** The admin can log in to the system using their username and password.

**Manage Class:** They can view, add, update or delete Class from the system.

**Manage Subjects:** The admin can view, add, update or delete subjects which is been taught.

**Manage students:** They can also view, add, update or delete student details in the system and they can assign classes to students. **Manage Faculty:** Similarly, they can also view, add, update or delete faculty details in the system and they can assign classes and subjects to the faculty.

**View Students:** The admin can view the feedback of all students.

#### B. STUDENT:

**Registration:** The student can register in the system using a username and password.

**Login:** The student can log in to the system using a username and password.

**Change Password:** They can change their old password to the new one.

**Submit Feedback:** The student can submit feedback and select a details

#### C. FACULTY:

**Registration:** The faculty can register in the system using a username and password.

**Login:** The faculty can log in to the system using a username and password.

**Change Password:** They can change their old password to the new one **View feedback:** faculty can only see the feedback

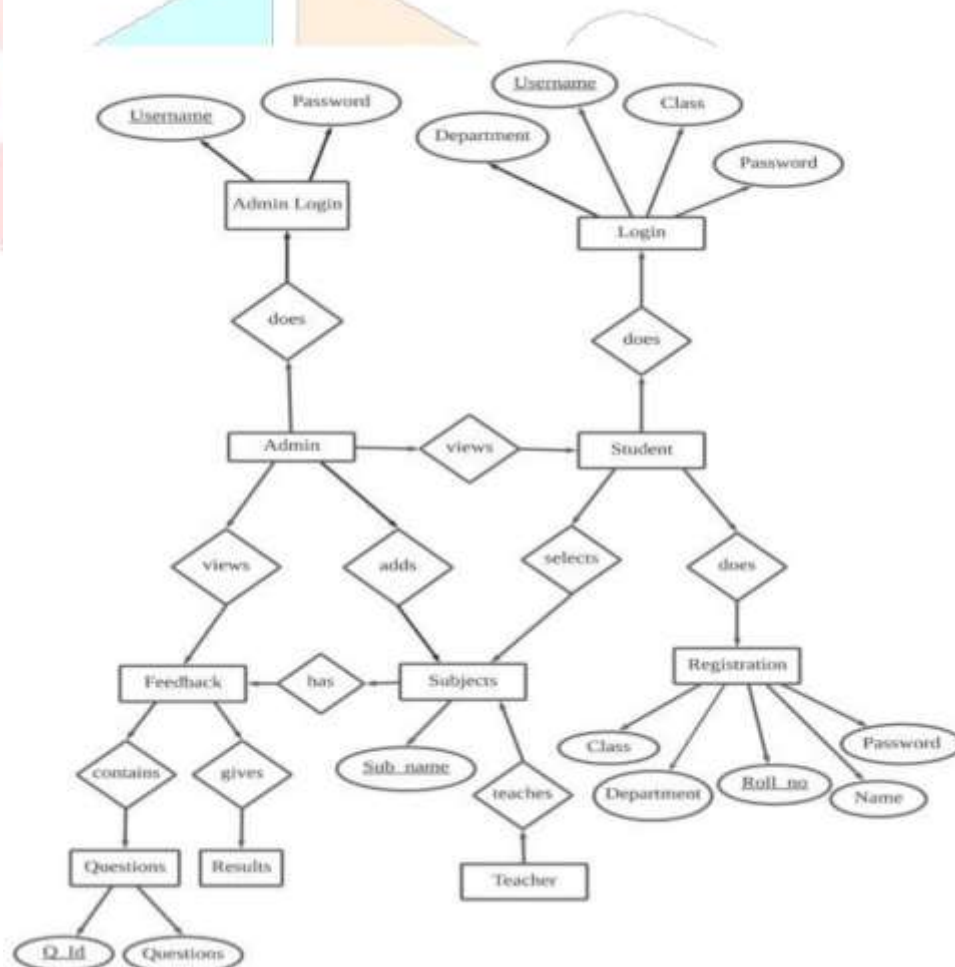


Figure 2: ER-Diagram of student feedback and review system

## VII. RESULTS AND DISCUSSION

### A. Online Feedback Usage

This used in colleges, schools, etc. To Increase the quality of education or other prospective the online feedback system plays a important role. By the genuine feedback of a student we can achieve improvement in the teaching, other facilities.

### B. Online Feedback System Benefits

Saves the time as well as enhance the feedback analysis phase. If the result of the feedback is excellent then improvement is not needed. If the result is low or moderate then the improvement will be needed. so the Online feedback system has benefits like ease to get data from student as well as analyzing of data also becomes easier.

## VIII. CONCLUSION

The project "student feedback and review system" is designed in order reduce the burden of maintaining records of all the student feedback details of who study in an education institution. Inserting, retrieving & updating the feedback details of student are easy when it is compared to the manual feedback & storing maintaining the project is also easy which can be easily Maintaining the details in the database is manageable. The Student Feedback and Review System represents a significant advancement in how educational institutions collect and analyze student feedback. By employing modern technology and analytics, this system can lead to more responsive educational practices and improved student satisfaction.

## IX. FUTURE SCOPE

This Student Feedback and Review System has been developed in such a manner, that the future requirements of the user are met. In future, there can be a provision to adjust the questions and to import new student names and faculty. It is also planned to implement the app on mobile platforms for OS like Windows and IOS

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