

Online student feedback analysis system

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ABSTRACT

Online Student Feedback Analysis System is a web based system which collects the feedback from students. The admin should provide username and password for each student. The students are permitted to change their password. For the purpose of security, the students who give correct username and password are allowed to view their details. There are three types of feedback forms used to get details from the students; they are feedback on subject, feedback on institute and feedback on faculty. After filling and submitting the feedback forms, they can visualize it in graphical form. Once in six months, admin will update the entire details.

Keywords: Feedback Analysis, visualize, password, Security

1. INTRODUCTION

The Online Student Feedback Analysis System is exclusively developed to address the issues in the educational system, when managing the student's details. In existing system students have to fill the feedback forms in paper. Faculty have to collect and calculate overall grade for each subject, each staff and institute. Getting the feedbacks from the students is a time-consuming process and it makes a lot of confusion in analysis. These are the major disadvantages of the existing system. To overcome the issues in the existing system, a new online student feedback analysis system was proposed. This system saves time and reduces human effort. In the proposed system there are three modules namely admin module, student module and staff module. In the proposed system a novel new algorithm was used to validate the result and output can be visualized in graph view. Admin will create the user id and password. The main advantage of the system is security, i.e. only authorized persons are permitted to use the

software. The higher authorities can easily infer the result and understand which staff is doing best and who needs to be trained. In this system particular student result can be viewed and results of various subjects are compared to identify which staff is stronger in which subject.

2. LITERATURE SURVEY

According to the paper [1], the student details and particular student related subject can be viewed. When one student submitted the subject then that particular student is not permitted to submit the subject again.

This paper [4] is used to refer the student on subject, faculty and institute.

In this paper [3] admin can update student and staff details six months once and also developer will give username password for the admin.

This paper [2] deals how to generate the graph and which API may be used to refer.

Author says this paper is used to refer how admin used to provide username password verified framework. The personality of the understudies giving input isn't uncovered to anybody not indeed, even the administrator. [5].

3. METHODOLOGY

In the existing system the analysis of acquired data is the major drawback. To overcome this difficulty a novel solution online student feedback analysis system was proposed. In this an interface was created between staff and students. This is a web based system and it generates analysed report in the form of graph for easy visualization. This makes it easy to interpret the analysed results. The logical diagram of the proposed system is depicted in the figure 1. In the proposed system contains student login form,

admin login form and staff login form. In admin, user password will be created by admin and admin empowered to edit the username and password. The admin should provide the username password for student and staffs is shown in figure 2. Admin should enter all details and manage the system; Admin can update or delete the details once in six month as in figure 4 and also admin may edit or delete the student details as in figure 3 and the admin will enter the feedback question. In the student module student can enter the login page as in figure 4 and view the student details as in the figure 6 and selecting the feedback on subject, feedback on institute and feedback on faculty. If you select the feedback on subject means they display related semester subject based on particular semester is depicted in figure 7 and click the subject to enter the feedback for particular subject. Feedback on institute and faculty given by student are acquired and stored. The students have right to give his own suggestion about collage. Analysis on the feedback was done separately and visualize in graphical form. The staff modules only view the student details for particular semester. Student will enter the student login form with his username and password. The username and password will generate by admin. Students are permitted to view the details and in

this page subjects based on the students particular semester will be displayed. Click on the particular subject and student can give feedback on the subject. After submit the feedback, the system will automatically comes to the login page.

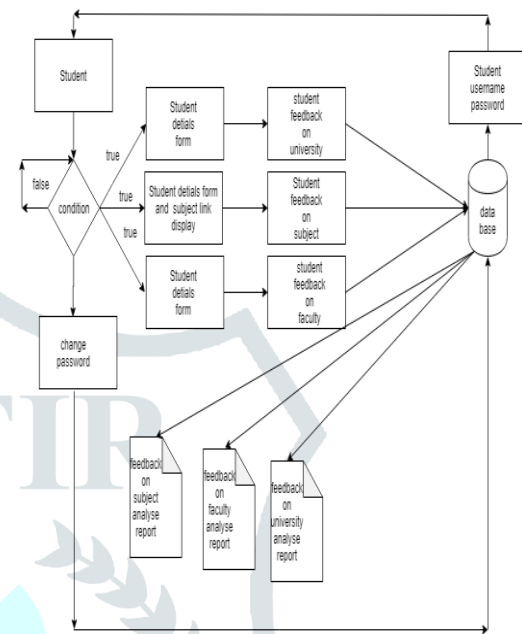


Figure 1 : Logical Diagram

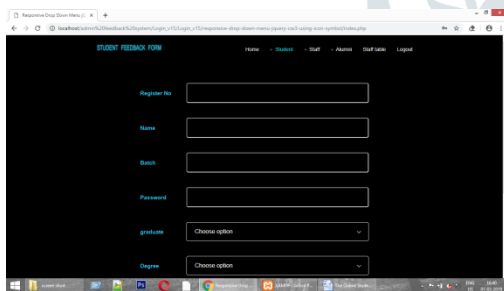


Figure 2: Students detail entry form

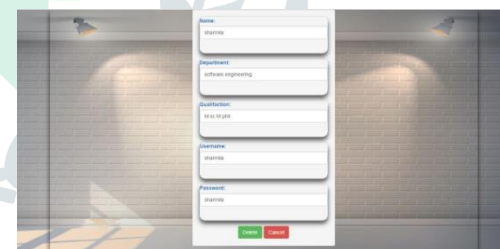


Figure 4: Update form

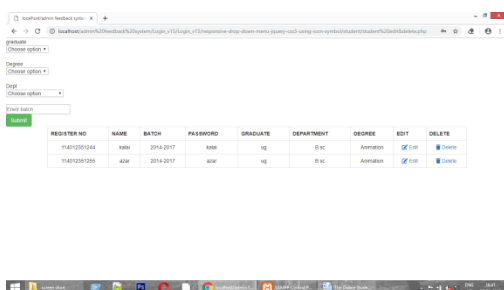


Figure 3: Admin edit and delete view form

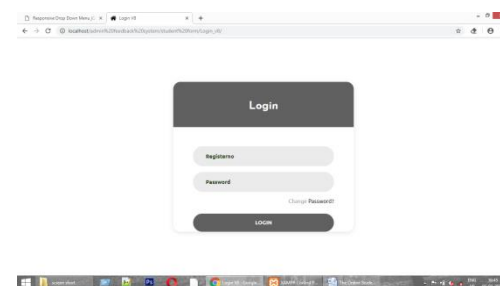


Figure 5: Students login page



Figure 6: Students view their details

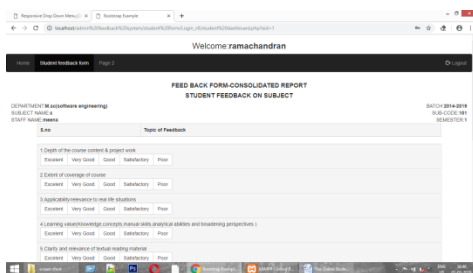
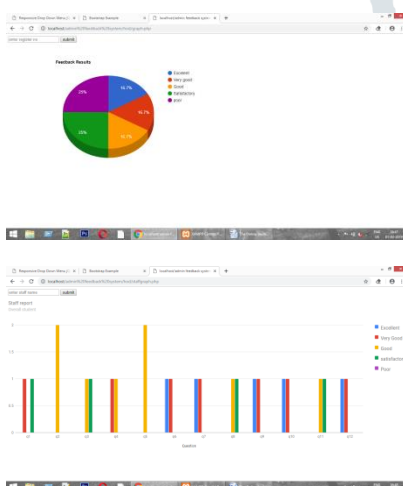


Figure 7: Students feedback form

4. RESULTS AND DISCUSSION

The student feedback records are analysed by split into student on subject, student on faculty and student on university. Higher authorities can see the reports of student on subject and student on faculty. The higher authorities may also view student details. The output will be displayed as graph for quick understanding. The following figures shows sample output.



5. CONCLUSION

In this system feedback question is dynamic in nature. The online feedback analysis system is used in any educational institutions and in future with small alteration in the design and change in the nature of the question, it can be easily customized to implemented in hotels, hospitals etc. to get and analyze the feedback.

6. REFERENCE

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