

COLLEGE STUDENT FEEDBACK SYSTEM

Prof. Phani Rama Prasad¹, Chella Sailatha², Gangapratima V³, Harika D⁴, Harika V⁵
Department of CSE, Ballari Institute of Technology and Management, Ballari, India.

Abstract: Online feedback system is a web portal designed to collect feedback from the college students about the Lecturer regarding the training quality delivered by the lecturer for a particular subject or course. The secure portal with data access restrictions can be used by the eligible students after logging into the portal. The authenticated students can provide feedback. Lecturers can see the feedback given for the courses handled by them, HOD can view the feedback handled by him and the feedback of all other lecturers of the department and the Administrator can view the feedback for any lecturers. Consolidated feedback details should be accessible in easily recognizable visual forms like graphs or plots.

Keywords: Feedback, system, forms.

I. INTRODUCTION

The Online Student Feedback System is an automatic feedback generation system that provides the proper feedback to the lecturers. In the existing system students can give feedback about the lecturers by doing manually. By this process student can give feedback in online system without wasting his time in writing. After giving feedback by every student papers are collected by the faculty and calculated the overall percentage for each subject and each lecturer. After that those all percentage results is viewed by the HOD which is given for the faculty also. Hence estimating the performance of lecturers and giving feedback to college staff. So, the existing system carries more time to do a piece of work for this reason the online system feedback is implemented. This is the main disadvantage of the existing system for giving feedback about the lecturers and viewing report of lecturers manually. Student feedback on courses is an essential element in quality assurance. The aim of this is to save time for staff in academic departments.

II. RELATED WORK

A. Purpose of the document

This paper is to design and develop the College Student Feedback System.

B. Scope of the project

Students must register and provide feedback to their faculty members according to their teaching style, knowledge, interaction and regularity. Lecturers and HOD can view the feedback result in the form of graph.

III. EXISTING SYSTEM

Currently all feedback is collected through printed feedback forms which are manually filled by the students for each course attended by the student.

IV. PROPOSED SYSTEM

We eliminate the manual process by completely digitising the

system. The system makes the availability of the feedback any time anywhere with ease of use and also provides easy and secure storage with access restrictions.

V. REQUIREMENTS AND SPECIFICATIONS

A. Functional Requirements

- The system should be giving minimal and relevant data only to the users.
- Digital storage of data should be secure, always available and persistent.
- Admin manages the overall feedback system.
- Students can register and provides feedback.
- Faculty can access the feedback given by the students.
- HOD can access the feedback of own and the department faculty members.

B. Non-Functional Requirement

- Cost of storage and maintenance should be affordable.
- Ease of use should be high.
- Portability: It is portable because it can be used both in Linux and Windows Operating System.
- Reliability: Accurate feedback is provided.
- Availability: The portal should be available for any number of systems.
- Security: Authenticated students can fill the feedback.

C. Minimum Hardware Requirements

- Processor : Pentium IV and above
- Hard Disk : 250 GB
- RAM : 1GB
- Keyboard
- Mouse

D. Software Requirements

- Server Operating System: Linux /windows server
- Web server: Apache 2.0
- Server Scripting: PHP5
- Database Server: MySQL
- Client Operating System: Linux Desktop/Windows Desktop OS
- Client Browser Requirement: IE7, Firefox 23, Chrome etc.

VI. SYSTEM DESIGN

CLASS DIAGRAM

Class Diagram in Unified Modeling Language(UML) is a type of static structure diagram that describes the structure of a system by showing the system's classes, their attributes, operations(or methods), and the relationship among objects.

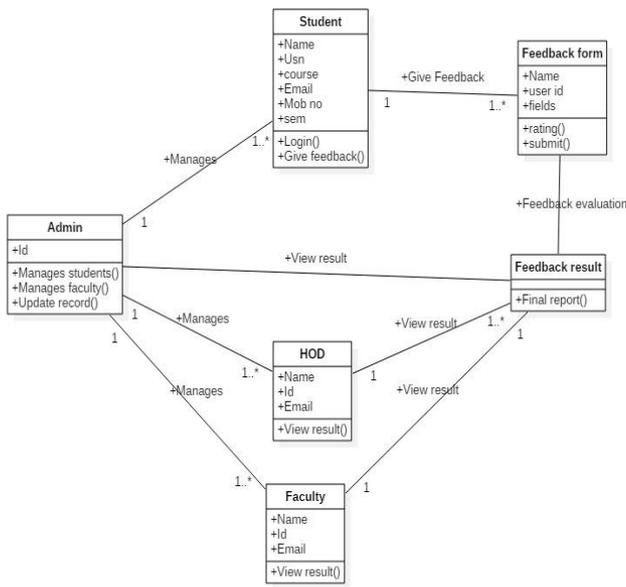


Fig 6.1 Class diagram for college student feedback system

USECASE DIAGRAM

A use case diagram is a graph of actors, a set of use cases enclosed by a system boundary, communication associations between the actors and users and generalization among use cases.

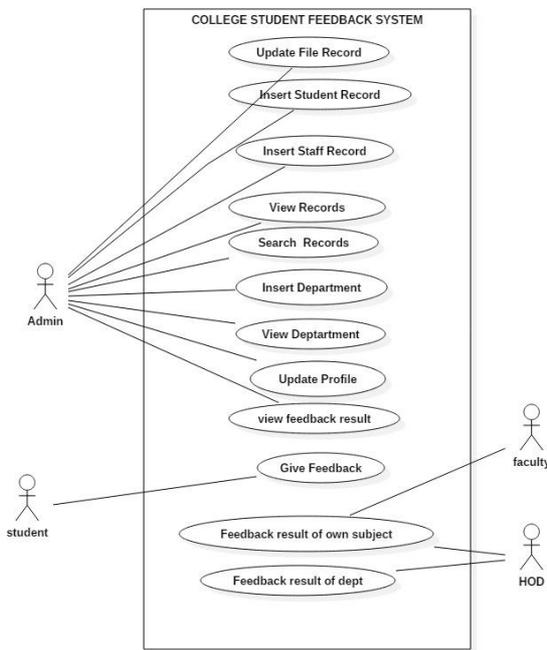


Fig 6.2: Use case diagram for college student feedback system

VII. RESULTS

Student can give the feedback to their respective faculty members and results are displayed in the form of graphs. The lecturers can view their feedback given for the courses handled by them. The HOD can view the feedback result of handling subject and respective department. Administrator can view over all feedback.

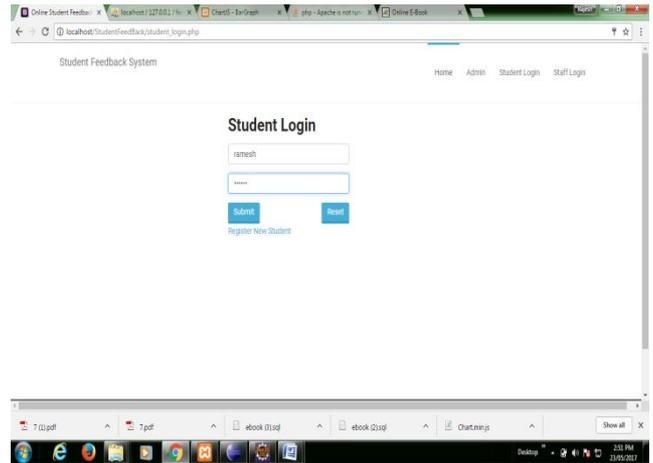


Fig 6.3: Student login using username and password

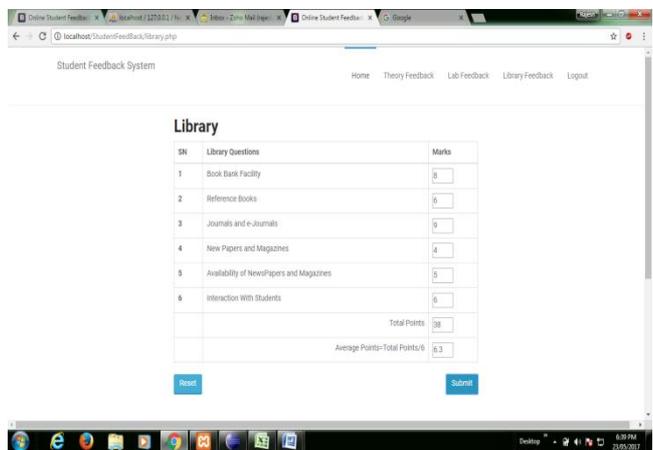


Fig 6.4: Feedback form

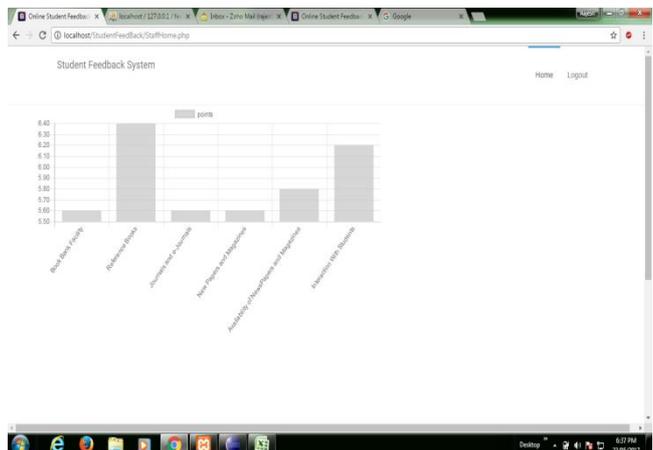


Fig 6.5: Feedback results in the form of graph

VIII. CONCLUSION

The project “college student Feedback System” is designed in order to reduce the burden of maintaining the bulk of records of all the students feedback details. Inserting, retrieving and updating the feedback details of a student are easy when it is compared to the manual feedback. In college student feedback system it is very easy process to save each and every record of individual student by the use of database.

REFERENCES

- [1] M. Tarare¹, M.Manwani², A. Paidlewar³, S. Maturkar⁴, P. Chaudhari⁵, J. V. Shiral⁶," Feedback Management System for Evaluating And Generating Monthly Report", *International Journal of Emerging Technology and Advanced Engineering*, Volume 4, Issue 3, March 2014.
- [2] J. Hatie, H. Timperley, "The power of feedback", *J. Review of Educational Research*, 87(1), pp. 81-112, 2007.
- [3] *Software Engineering* by Roger S. Pressman (Tata MC-GRAW hill, 5th edition).
- [4] *Data Base Management System* by Raghu Rama Krishnan (Tata MC-GRAW hill, 3rd edition).
- [5] Hwang,G. J."A Conceptual Map Model for Developing Intelligent Tutoring Systems". *International Journal of Computers and Education*, 40, no. 3 (2003). 217-235.
- [6] Beatty, D.I.,Gerace, J.W.,Leonard, J.W.,Dufresene, J.R. (2006). Designing effective questions for classroom response system teaching. *American Association of physics teachers*.74(1),31-39.