Survey on ERP System for College Database Management System

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Abstract— in a college there are various sections and each section handles all student information and college database. These sections are linked with each other. Current System of college is having problems of interlinking and data repetition. To overcome these problems we present College ERP System which is automated and centralized. This system have easy user interface and have powerful data management system which makes this system very useful.

Keywords— student management system, ERP, database, college system.

I. INTRODUCTION

In recent years, institutions of higher education increasingly expand the enrollment, and it is more difficult to manage students in college. In the 21st century, information technology is an important and irreplaceable work currently in the construction of modern universities. Exploiting Digital and informatics in universities has been attracted more and more attentions. In general, with the increasing number of students in college, student management systems design is also important. we propose a design for college student management system, which can play an important role in college management. Firstly, we organize our proposed college student management ERP system.

A. Motivation

- It is observed that staff and students interaction is a key factor for promoting students success.

- The present project proposes a method of project based learning with increased student staff interaction.

II. RELATED WORK

Sr No	Paper Title	Conclusion
1	Cushner, K., A. McClelland, and P. Safford. 2000. Human diversity in education: An integrative approach, 3rd ed. Boston: McGraw-Hill.	Student–faculty interactions can be formal or informal, occurring either inside or outside instructional settings, with both playing an important role in determining students' academic success.
2	Sax, Linda J., 1967-Bryant, Alyssa N.Harper, Casandra E.(2005 November)"The Differential Effects of Student-Faculty Interaction on College Outcomes for Women and Men Journal	The teachers must be aware of these social-cultural factors so that they can understand, how well the student will interact with the teacher, how well the student will interact with his or her peers, and how the student views his or her acceptance within the cultural group and within the classroom.

	of College Student Development", Volume 46, Number 6, pp. 642- 657	
3	Kuh et al., (2001)"What Matters to Student Success: A Review of the Literature; and Light, "Making the Most of College: Students Speak Their Minds."	This Paper identified 12 social-cultural factors. These attributes were defined based on student's social–culture

III. OPEN ISSUES

- Students Information at one place
- Management of Students and Faculties
- Project, Attendance reports
- Announcements, Notices and Events info report
- Fees and Fine unpaid students percentage
- Top performing students report

CONCLUSION

The student information management system is designed and implemented in this work. This basic design solution decreases the amount of code required by developers and the maintenance labour required by maintenance people, while also improving the user experience. The practise demonstrates that the student information management system is more scientific and institutionalised, reducing the management personnel's labour intensity. It has cheap costs, is simple to maintain, has a low development threshold, and has a fast development cycle, among other benefits. It has a certain amount of promotional value.

REFERENCES

[1] Australasian Survey of Student Engagement (2011, September), Ausse Research Briefing , Volume 12 2.

- Feedback of Students and Parents
- Bring accountability in Staff & monitor their performance
- All decision making information at finger tips
- ERP cutdown working hours of Staff
- Increase in efficiency as process time is reduced so, Staff can utilize that time in other creative academic works

[2] Stewart, E. B (2007) " Individual and School Structural Effects on African American High School Students' academic Achievement". The High School Journal 91.2 pp 16-34 3.

[3] Wilson, K. M., &Trainin, G. (2008) First-Grade Students' Motivation and Achievement for Reading, Writing, and Spelling. Reading Psychology, 28(3),pp 257-282. 4.

[4] Helena J.M. Pennings, Jan vanTartwijk, Theo Wubbelsa,,Luce C.A. Claessens, Anna C.vanderWantb, MiekeBrekelmansa (2013 July 23) "Real-time teacher student interactions: A Dynamic Systems Approach", ELSEVIER Teaching and Teacher Education pp 183-193 5.

[5] Deanne Beckwith, Lori Gee, Mark Meagher, and Scott Pobiner (2008) Enriching the Learning Experience INTEGRATING NEW TECHNOLOGIES INTO FLEXIBLE LEARNING SPACES Solution Essay / 2008.

[6] MeeraKomarraju , segeyMusulkin, Gargi Bhattacharya (2010 May) " Role of Student-Faculty Interactions in Developing college Student's academic self-Concept , motivation and achievement " Journal of May/June 2010, vol 51 No 3

[7] Hongqing Dou, Baisong Liu, Internet + Library: Elements, Models andServices, J. Information and Documentation Services. 2017(03):93-97.

[8] Shiwei Wang, The Important Role of the "Internet+" Action Plan in the"Digital Founding" Pattern, J. China Public Security. 2016(4):24-28.

[9] Kong Hao, Wang Lisha and Wan Pu, "Research on University Student Information Management System Based on UBOSS in Poor Areas ofChina's Western Region", the 2nd International Conference onComputer Engineering and Technology (ICCET), vol.7, pp.655-658, 2010.Y.L.

[10] Jiang, C.F. Xu, "Advances in Set Pair Analysis Theory and itsApplications," Computer Science, vol. 33, issue 1, pp. 205-209, 2006. Zhai Qinfei, "Effective Combination Between E-learning and KM inHigher Education: By the Support of Information Technology", the 2nd IEEE International Conference on Information Management andEngineering (ICIME), vol.1, pp.533-536, 2010.

[11] Piedade M.B., Santos M.Y, "Student Relationship Management:Concept, Practice and Technological Support", 2008 InternationalEngineering Management Conference, vol.5, pp.1-5, 2008.