

## College Training and Placement officer management system

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**Abstract**— Training and Placement Management system is an android application which is helpful for students as well as the colleges. In the existing system we were focusing on the management of attendance, library and so on but no one is focusing on training and placement (TPO) department even though it is one of the most important department in every college. In our system, we will focus on TPO section. Here we will have registration for all the final year students. After their registration we will provide them username and password so that ones they got this they can directly view all the articles, events and videos. All the students have only permission to give the feedback/request if they want. The main handling of all the application is done only by Admin. Admin has the permission to do all the required modifications like he can update/delete/modify /insert the records. If there is some company is coming for the placement of the final year he will just set the range of percentage required by that company in the HSC, SSC, Diploma, Degree also their cocubes marks and the students fall under that category will automatically receive a offline text message over the cell phones also they will get a notification that can be viewed only when student will login. It will also include a module where all the placed students' short details like his name, company name where he is placed, his package, etc will be viewed. We will also represent the placement ratio of the college statically. Also the students can see which company is going to arrive on which date for what post and package that they are providing. Along with all the students can also know the events, seminars arranged by TPO section also the articles of the college in one application.

**Keywords**- Die punch, Press machine, Autocad, Rate of production.

### I. INTRODUCTION

#### Problem Statement:

Develop an android application for managing all the training and placement (TPO) section of college for automatically sending offline message along with an online notification.

#### Scope:

1. i/o state diagram, Major inputs, and outputs are described without regard to implementation detail. Scope identifies what the product is and is not, what it will and won't do, what it will and won't contain.
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#### Goals and Objective:

To provide all the required data on mobile of the student in the form of offline message along with an online notification.

### II. LITERATURE REVIEW

1] This article focuses on the teaching mode of ERP (Enterprise resource planning) course in colleges and

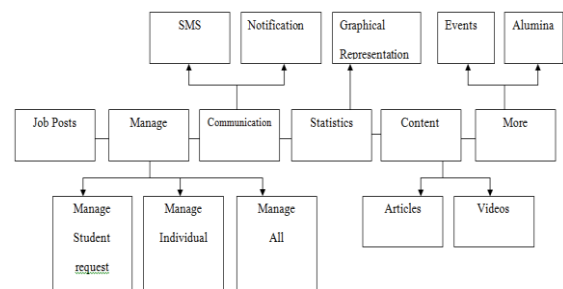
universities in China. It puts forward an innovative three-dimensional teaching mode, composed of three main parts. The new experimental arrangement is good to improve the students' practical ability, innovation and teamwork ability. It changes the ERP course from "teaching" to "learning". Xia Hu, Min Zhou

2] This research was the research project of Shanghai Association of Higher Education .The research is financed by the Shanghai Development of Undergraduate Education Base-Electronic Commerce. (Sponsoring information) Abstract Enterprise Resource Planning is one of the core courses of management. According to the educational characteristics of application-oriented talents training, this paper discussed the issues of ERP teaching for application-oriented talents training at present and proposed a number of ideas and strategies in the aspects of modifying the teaching content, improving the teaching ability and carrying out case teaching. Chongjun Fan, Peng Zhang, Qin Liu, Jianzheng Yangl

3] Shop control software for quoting, ordering, accounting, production, inventory tracking, quality assurance, shipping and profitability management.The E2 Shop System is easy to use, providing power, flexibility and access to information you need to manage your shop. Wenjie Yang, Haoxue Liu, Jie Shi.

4] The most important part of the article is a description of the research of ERP systems fully integrated with hardware components able to manage the complete daily operation of a water park. In addition, the work contains assumptions regarding the further development of models of ERP systems in Poland.Such tasks can be performed by the Business Intelligence (BI) system. This issue is also discussed within the paper. Małgorzata Nycz

### III. System Architecture



**Fig : System Architecture**

1. Student Request: Here if any student gets anything new that he wants to update he can send a request

msg to admin to update his data. This will be done till the admin will not do it manually. Individual: If we want to search an individual then we can search then directly. for searching following data is needed : batch, sort by(name, rno, co cubes id),any other details click directly on search then the whole student details will be viewed directly to the admin. ALL: Here will have search filter which have degree in a drop down list, Branch, percentage range, batch, sort by,eligible,10,12,diploma,BE,backlog history then after that we have to click select.

2. Communication: This module will come in existence when we want to communicate with the students. It again has 2 main sub-modules in it. That will work in synchronization with manage module. SMS: This will send an offline text to an (individual student when the student is fit in the criteria. This will be displayed on the cell phone only). Notification: This will send an online notification to an (individual student when the student is fit in the criteria. This will be displayed on cell phone only).
3. Statistics :( Graph) It will display the graphical view of last few campus arrived in the college. Their ration will be displayed here directly. 5. More: All the further more details will be shown here that will include: 5.1 Events: The events organized/managed by the TPO section will be displayed here. 5.2 Alumni: The record of all the placed students that are place in the past few years will be displayed here. Contents: It will include the other details like: 6.1 Articles: Articles of the college will be displayed here along with the photos of the articles will be displayed 6.2 Videos: Any important video link will be given there where the student has to click then he will redirected to the video directly where he can view the video

#### V. System Requirements

- Hardware Requirements:
  1. Intel quad core processor
  2. RAM 4GB
  3. Hard disk
  4. Keyboard
  5. Mouse
- Software Requirements:
  1. Operating System: Android, Windows
  2. IDE: Android studio, SQL, GCM Server.
  3. Programming Language: Java, PHP.

#### Advantages:

- *Mobile apps and advanced software systems are provided to keep students updated*
- *Digital platform is the basic need; professional and unique website with precise information is important, and its provide in our system*

- *Display academic records or present through different modes*

#### Concept:

Thus we will simply all the workload of TPO department via this application by auto generation of SMS and notification for eligible candidates.

#### References

1. W. Shen, L.Wang, and Q. Hao, Agent-based distributed manufacturing process planning and scheduling: A state-of-the-art survey, IEEE Trans. Syst., Man, Cybern.C Appl. Rev., vol. 36, no. 4, pp. 563–577, Jul. 2006.
2. A. J. Foug'eres, Agents to cooperate in distributed design, in Proc. IEEE.
3. M. Rosenman and F. Wang, Autom. Constr., vol. 10, no. 4, pp. 383–397, 2001.
4. A. Mokhtar, C. Bedard, and P. Fazio, Information model for managing design changes in a collaborative environment, J. Comput. Civil Eng., vol. 12, no. 2, pp. 82–92, Apr. 1998.
5. F. T. S. Chan, J. Zhang, and P. Li, Modelling of integrated, distributed, and cooperative process planning system using an agent-based approach,inProc. Inst. Mech. Eng., Part B: J. Eng. Manuf., 2001, pp. 1437–1451.
6. J. Eustache, R. Maranzana, Y. Lanuel, and Y. Gardan, Managing complexity in a CAD environment, in Proc. Change Manage. New Ind. Revolution, New York, Oct. 7–9, 2001, pp. 104–109.
7. Y. M. Chen, W. S. Shir, and C. Y. Shen, Distributed engineering change management for allied concurrent engineering, J. Comput. Integr. Manuf., vol. 15, pp. 127–151, 2002.
8. M. Gruninger and M. S. Fox, The logic of enterprise modelling, in Modelling and Methodologies for Enterprise Integration, P. Bernus and L. Nemes, Eds. Cornwall, Great Britain: Chapman and Hall, 1996, pp. 83–98.