

A REPORT ON EDUSPACE- SPACE FOR EDUCATION SYSTEM

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Abstract - The main aim of the project is to provide the student the better training for placement activities by providing articles and videos regarding preparations for placement activity. It also helps the placement cell within an organization to identify the prospective students and pay attention to and improve their technical as well as interpersonal skills. A number of companies place importance on the academic performance of the candidate and plays requirements for minimum marks. Here in this project students registering are filtered out based on their academic marks and based on their technical skills as per company requirements. Students can also take mock tests and they are able to view their results. Students can also undergo self-phased learning by utilizing the uploaded materials.

Key Words: user, admin, company, filtration, mysql

1.INTRODUCTION

Technology plays a crucial role in today's education system. Mobile learning has become widespread, and higher educational institutions have started adopting mobile technology to cope with the needs of students. It allows students to access learning content from various locations with no time. The goal is to design and develop an application that assists students and educational institutions to enhance placement rate in the institution. The application users are now able to receive and access instructions through several platforms, such as mobile apps, web-based, or combined mobile learning environments.

2. Body of Paper

- 1.Introduction
- 2.Body of Paper
3. Problem Description
4. Literature Survey
5. Methodology Used
6. Problem Formulation
7. System Design
8. System testing, results and Discussion
9. Conclusion

3.PROBLEM DESCRIPTION

As the technologies are getting advanced day by day each and every fields are adopting the new technologies. Like wise to bring a change in our traditional learning and to enhance the learning process we need an application. It also helps the placement cell within an organization to identify the prospective students and pay attention to and improve their technical as well as interpersonal skills. A number of companies place importance on the academic performance of the candidate and place requirements or minimum marks. The main aim of the project is to provide the student the better training for placement activities by providing articles and videos regarding preparations for placement activity. Students can also 2 take mock tests and they are able to view their results. Online attendance facility is provided.

4. LITERATURE SURVEY

Subramanian, D. A. (2017), "The Role of Technology in Higher Education. International journal Online of Humanities", [3(3),1-13]. Here technology is considered as a means of removing barriers for students and teachers. Technology can remove financial and geographical barriers through distributed learning. Technology is bringing about new focus on problem and skill-based learning. They are suggesting us to continue to focus on technology that allows students to interact with other students and environments located outside of their environments, locality and culture.

Robert A. Reiser, Florida State University, John V. Dempsey, University of South Alabama(2014), "Trends and Issues in Instructional Design and Technology", [4th Edition]. This system proposes that in order to be successful in their field, professionals must go beyond performing the skills associated with instructional Design and technology (IDT); they must recognize current and future trends likely to impact the field and envision how to employ them. This paper helps students and future practitioners attain these goals.

Sreeramana and Shenoy (2016). "Changing approaches in campus placements" Ideal education system provides placement to all the graduates because the demand in the society is always higher than supply from the institutions [5-6]. In online education system [7], the service provider imparts specific knowledge and skills to the registered students and they are least bothered on placement facility due to the fact of demand for such courses and supply will be proportionate to the demand. In campus-based education, when demand from industries is less than supply of qualified students, campus placement facility becomes important. Following are the findings from various researches that were conducted in the area of placements. The nexus between campus placement interviews and subsequent employment decisions by organizations and candidates has always received scant research attention. In a

longitudinal field study, we found that candidates' job choices were related to their post-interview aspirations. However, Companies' job offer decisions were not connected to HR's post-interview intentions or to their 3 perceptions of candidates' intentions. The results offered general support for the applicability of the theory of reasoned action to the recruitment process [8]. This can also be substantiated when Flipkart deferred the hiring of campus selected IIMA MBA Graduate from June 2016 to December 2016 citing restructure and Funding Crunch [9].

Krikpatrick, d. (1996). "Measuring the Effectiveness of Faculty Facilitation training in problem-Based learning in a medical School", [Vol.5 No.4]. This study examined the effectiveness of a faculty training program for problem-based learning (PBL) facilitation. A multi-level approach was used, following Kirkpatrick's levels for assessing training effectiveness. Reaction, Learning and Results.

SUMMARY

It allows students to access learning content from various locations with no time. A number of companies place importance on the academic performance of the candidate and place requirements or minimum marks. Students can also take mock tests and they are able to view their results. To assist rural students to get better placement opportunity. To provide a one stop solution for students looking forward for a job.

5. METHODOLOGY USED

This project mainly consists of four tasks: Processing of the data, Classification and filtering.

- When we have a huge data, it can be easily stored in a database but the problem arises now is how to access the stored data. Data mining is the technique used; it is a phenomenon in which we can retrieve the relevant data which is called as Knowledge discovery in database (KDD).

- A classification is a division or category in a system which divides chaos and confusion among the things around us. Classification assigns things in a collection to classes or groups. The aim of the categorization is the accuracy of the data.
- The filtering process helps to filter the students based on their aggregate obtained, the data which are obtained from the institution is carried out for the classification is further carried out for filtering.
- The students registered will be filtered based on their CGPA or marks and their technical skills and projects. If the filtered students profile matches the company requirement, then they will be allowed to attend the drive.

6.PROBLEM FORMULATION

General

Before attempting to solve a problem, we need to first formulate or define the problem. It is important to precisely define the problem you intend to solve. Problem formulation is the act of a problem, determining the cause of the problem and, identifying the solution.

Problem Statement

As the technologies are getting advanced day by day each and every fields are adopting the new technologies. Like wise to bring a change in our traditional learning and to enhance the learning process we need an application. The main aim of the project is to provide the student the better training for placement activities by providing articles and videos regarding preparations for placement activity. It also helps the placement cell within an organization to identify the prospective students and pay attention to and improve their technical as well as interpersonal skills. A number of companies place importance on the academic performance of the candidate and place requirements or minimum marks.

Students can also take mock tests and they are able to view their results. Online attendance facility is provided.

Objectives

The objectives of the proposed project are as follows:

- 1.To enhance placement rate.
- 2.To assist students in preparing for placement tests.
- 3.To assist rural students to get better placement opportunity.
- 4.To provide a one stop solution for students looking forward for a job.

7.SYSTEM DESIGN

System design is a one important phase in software or system development. System design can be defined as method of defining different modules required for software or system to fulfil all requirements.

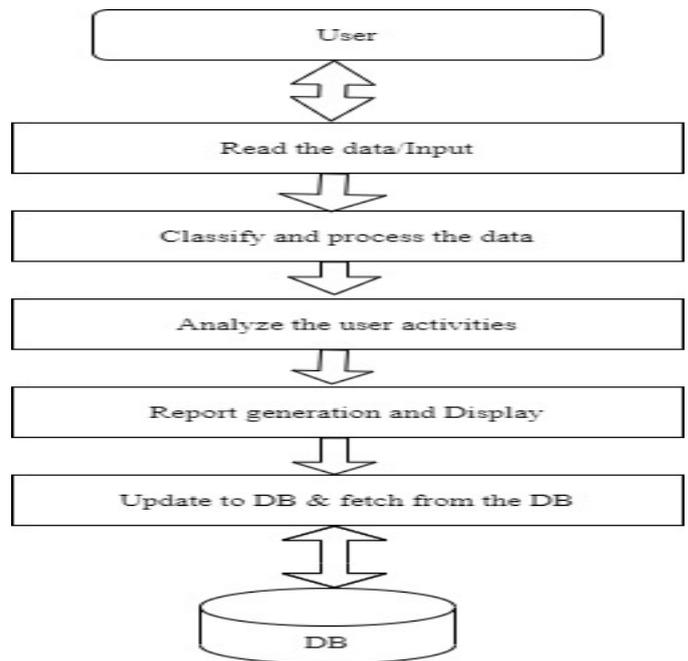


Fig:1. Architecture of the proposed system

Architectural design focuses on components and elements of a structure. It defines a group of interlinked systems that share structural and semantic properties.

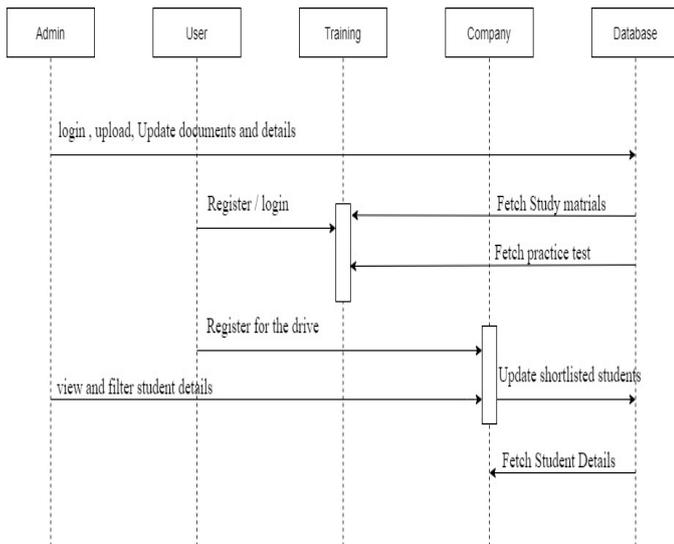


Fig:1. Sequence diagram of the proposed system

A sequence diagram shows object interactions arranged in time sequence. It depicts the objects involved in the scenario and the sequence of messages exchanged between the objects needs to carry out the functionality of the scenario.

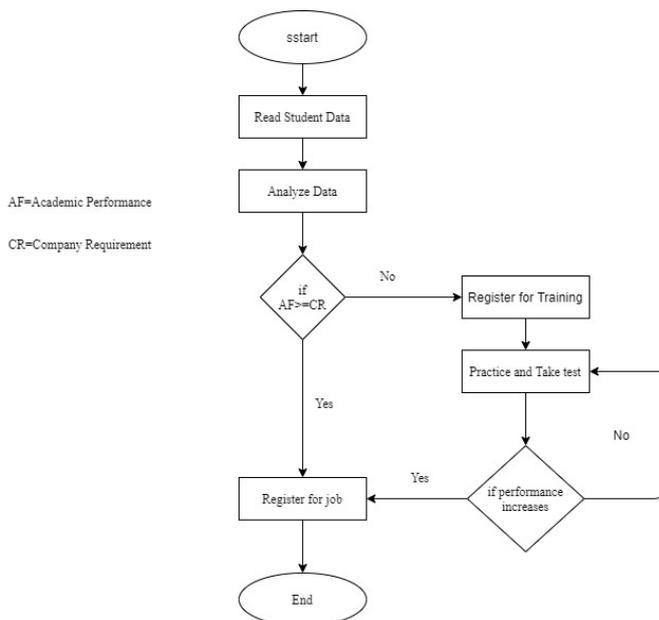


Fig:1. Flow chart of the proposed system

A flowchart is a picture of the separate steps of a process in sequential order. It is a diagram that describes the process or operation. Flowcharts typically use standard symbols to represent different stages or actions within the chart.

8.RESULTS AND ANALYSIS

The present study has been made to suggest and develop some tools which will eventually be useful to the students, educational institutions, placement officers for timely help for the students to get placed. The project targeting towards designing, implementing and operating facilities and services that were traditionally provided by the application for the improvement of placement activities of students.

Summary

The application Eduspace-space for education allows student to register themselves to the system. The admin will filter the registered candidates based on their marks and technical aspects as per the requirements put forward by the company. The students who are lagging can take training under the self-phased learning method where related documents and materials are made available. Finally, when they meet the required criteria, they can attend the drive. All the drive details and schedules are displayed in this system on which student can have a look and make use of it.

3. CONCLUSIONS

The application provides the articles, videos, technology information to the students who are in the final year of their engineering and help them to crack the respective rounds in the placement. It also helpful for the students to gain knowledge related to their placement. The application mainly concentrates on sorting of the students based on their percentage or CGPA gained in their academics, it is application easier for the topmost companies where their profile will be displayed through which students can get notification from the company so that the students who are eligible for their placement can able to get notification so that they can able to take the test as well as they can prepare for the placement test where the articles videos are available and the notification will be sent to the students via Gmail for registered students.

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