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PLACEMENT CELL USING CPP**Syeda Jamema Fatima^{*1}, Urvashi, Sunanda Vempati², M s. P R Anisha³, Dr. B V Ramana Murthy⁴,
Mr. C Kishor Kumar Reddy⁵**^{*1,2,3,4&5}Stanley College of Engineering and Technology for Women, Chapel road, Abids, Hyderabad-500001**ABSTRACT**

An Organized and Systematic once solution is essential for all universities. The department requires various team records regarding students. The information could be general details like student name, roll number, performance etc. or specific information related to departments like collection of data. All the modules in college administration are independent. They are maintained manually. So they need to be automated and centralized as information from one module to other modules. With that in mind, we came up with a project which helps to display the important details of the student including core subject marks, who is eligible to enter the placement cell. The eligibility is judged upon the number of backlogs. It utilizes effective implementation of class and object. We will provide more ease for managing the data. Our data work is useful for saving valuable time and reduces the huge paper work

Keywords: Placement, Data management, automated.

I. INTRODUCTION

Placement Portal is mainly designed for the use of students. The main Objective of the project is to manage the details of the student. The project is built at the administrative end and thus only the administrator is guaranteed the access. This have been developed to override the problems prevailing in the practicing manual system. This Software is supported to eliminate and in some cases reduce the hardships faced by this existing system. Moreover this system is designed for the particular need of the company to carry out operations in a smooth and effective manner. This application is reduced as much as possible to avoid errors while abstracting the data. No formal knowledge is needed for the user to use this system. It can assist user to concentrate on their other activities rather to concentrate on record keeping. It manages the information of Student in depth including hobbies. This is the eligibility list for students based on company requirements which specifically include the number of backlogs. When the placement officer gives the roll number of the student then the details of the student will be displayed only if he/she has allowed number of backlogs otherwise the details would not be displayed. This is designed to assist in strategic planning and will help in providing the right level of information.

II. LITERATURE SURVEY

This section presents a review of related literature to the study of management of student records. The review has been done in accordance with the research Objectives which are impact of computerized data collection on maintenance of student record, computerized information protection on student record. According to the University of Florida explained that a student is an individual who is registered for a university credit program or course. A student record also know roll number, student marks, student backlogs, student hobbies etc. These record are used to assign offices in their support of basic institutional objectives.

Most of the schools today use some type of software to collect to maintain student information to help manage the ongoing functions of a typical school. The traditional school management system no longer can be limited to just tracking student information, but must provide a means of using data to help drive better, evidence based decisions on the part of the school. Additionally, as the school understands each students needs more clearly, it can become better prepared to meet those needs by developing the right goals and objectives to address their students. capturing data accurately and seamlessly will help to develop better information channels for everyone involved with the school. Without the availability of high quality data and perhaps technical assistance, data may become

misinformation. Additionally minimizing points of failure and increasing the timeliness of information will aid in servicing the school consumers of the system. As the team looks to the value of the schools data and the future trends in utilizing it, the proposed project will seek out as student management that meets current requirements as well as other potential future specifications. Benefits should include a seamless, low cost, integrated that easily allows to grow additional features .it should have some user customization choices for analysis and statistical reporting. The system has come up with many functionalities fir educational institutions to track the student progress. It helps both the student and guardian to keep track on the student progress. It is an application software which has intention to begin a conductive and direct interchanging the statics in a secure platform to coalesce with the students and the college administration. The student information has the particulars like name, roll number, fathers name, marks, hobbies etc. This provides user to seamless navigation to the application. This approach will allow students to save their details. The model utilizes computer aided system. The model plays main role in college management. Data access layer is responsible for viewing the data. Data layer is responsible for storing the student data. It is a software application for education establishments to manage student data. Therefore, the Computer Engineering students will be benefited by this project, and for the instructors to access the names, lists and information of the computer

III. ALGORITHMAM

In this study, both quantitative and qualitative approaches will be used. The design phase was studied by examining documents and researching existing systems for clarity and verification of facts to be collected that are going to be adhered in our system.

SYSTEM DESIGN: The design of the student information management system includes the design of the home page which provides the way for all the students and other user to access the system. Every student has a unique roll number.

STUDENT: The student is of center focus, because in every college student plays the very important role. Student can access the information of the college, and placement cell information. The placement details include the information about the eligibility criteria for the companies, the process of recruitment. The details of the student eligible for the recruitment is displayed

PLACEMENT CELL: The placement officer is responsible for updating the placement related information like eligible criteria for a particular company, the list of students who are eligible for attending the recruitment process.

ALGORITHM:

1. Start
2. Read the roll no. entered by the user.
3. Check whether the candidate associated with that roll no. is eligible or not by checking the number is backlogs of the student.
4. If the number of backlogs is less than three, then the student is eligible. Else he/she is not eligible for the recruitment.
5. If the candidate is eligible, display the details through the display () method by using the object 'stud' for the class 'Student'.
6. If the student is not eligible his details are not displayed.
7. Stop

IV. ADVANTAGES

1. Smart management of student data.
2. Avid Student performance.
3. Improves Communication.
4. Universal access with ease.
5. It is user friendly.
6. Secure, Error free, Reliable.
7. Fast management.
8. Increases efficiency.
9. Decreases the paper work.
10. Less time required when compared to manual work.
11. Manages and shows the information.
12. Easy to understand by the user and the operation.
13. be expandable.
14. Delivered on schedule within the budget.

V. DISADVANTAGES

1. Information mishandling.
2. Cost effective.
3. Traditional manual practice addict.

VI. CONCLUSION

Finally, since the data generated in day to day transaction by school of information technology. Formal according to the register. it is worthwhile and full develop strong student information management for the school to hold the large amount of data that is generated. The proposed system should be able to stand the test of time because student records should be kept as long as is necessary to:

Fulfill and discharge the contractual obligations established between the institution and the student, including the completion of any non-academic disciplinary action. Provides information on the academic career and achievement of the student to employers, regulatory bodies and other organizations, as well as to the student as part of their lifelong learning record .The information gathered while reviewing existing. Literature on student information management system has been very useful in the development of the proposed system. The project when completed will provide an efficient way to store and organize data than spreadsheet. It will also serve as a centralized facility that can easily be modified and quickly shared among multiple users. The proposed system will have a well-designed interface that allows users to interact with the system. Therefore the study from different countries and nations explained management system on student record has helped in improving and providing efficient information and timely to the information needed to all the student and administration.

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