



Automated Backlog System for College

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Abstract: *This system is a portal to provide HOD and faculties a easy way to update the results of students and also to inform parents about the result of the student. This includes three modules i.e. Admin, HOD, Faculty. Admin has the authority to check the whole system and also he gives the login id and password to HOD and faculty. HOD updates the data of all students of that branch. It also has all the details of students regarding marks, percentage and their backlog details. HOD sends e-mail to the students and also to their parents about the marks of students. HOD checks the results of all the students of their branch and also updates the result. Also HOD can create letters of the marks of the students. HOD can add and delete faculties of the branch and update the details of faculties. Faculties search for the results of students and also view the results of students. Faculties have the data of students under them and can update the data of those students.*

Keywords: *Automated, Backlog, Admin, HOD, Login,*

I. INTRODUCTION

To overcome this practical problem and also to make the process easy we developed a secured application “**AUTOMATED BACKLOG SYSTEM**” which is useful for institute. It is a type of System in which we have all the details of students and according to that mail will generate to their guardians, HOD, Faculty, and the respective class counsellor.

In this we apply some constraints to the database i.e. certain conditions so that the students who got back in the subjects according to branch and section wise being inform to their parents, HOD, faculty members and class counsellor and so on.

An automated System which automatically creates the List of all those students who got backs in the respective subject. This can be done at the semester level and the sessional level too.

II. PROBLEM STATEMENT

In automated backlog system there are some problem.

- No software at all
- Manual creation of list and e-mail will be sent seperately.
- Time taken is immense.
- As the notice is to be published on Notice board and will be Conveyed to all faculty members.
- As the information of students regarding academics were not reached to their guardians and this is a major issue which is almost faced by all the colleges.

III. PROPOSED SYSTEM

Proposed system are given below

- A centralized system to check the results of all the students by the administrator.
- Every HOD updates the results of the students of their branch.
- Administrator checks the daily records of the students updted by every HOD.
- Every HOD and faculty has their own login id and password.

IV. SYSTEM ANALYSIS AND DESIGN

The system has a centralized control to the admin that checks the daily record of the system. This system will reduce the problem faced by the HOD as well as the faculties who updates the result of students and also maintains all the records. This will help to overcome problem of time. The modules are:-

- ADMIN
- HOD
- FACULTY

1. Admin Module

There are certain steps admin needs to follow during registration:

- i. First the admin fills the login form to register.

- ii. Adds or deletes the HOD and gives login id and password to the HOD to use and update the records.
- iii. Checks for daily records.
- iv. Prints the final reports.

2. HOD Module

Updates the results of the students and sends e-mail to the students and their parents which contains the results.

3. Faculty Module

Faculties view the results and prints the records.

V. CONCLUSION

- In this project as we are dealing with students related to their performance in studies as well as their role and their report throughout the semester and sessional level.
- Our aim is to increase the efficiency of the organization in terms of results so that our college ranks at the top in the future.
- Our aim is also to inform the parents about their students' activity throughout the year.

VI. FUTURE SCOPE

- This project has a wide and vast future scope as it can be implemented by any educational institute.
- This project accomplishes the aspect from every corner and fulfills the requirement of the college. With the help of "AUTOMATED BACKLOG SYSTEM" we will be able to improve the results of students and also to increase the efficiency of the organization.
- By this each and every guardian knows about all the details of their students and can be processed further in an efficient manner.

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