

# Secure Pinboard Information Shared By SHA-Algorithm

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**Abstract** - A Secure Pin Board is a place where admin can leave any types of messages and notifications. In Secure Pin Board, the problems in communication are solved since we don't have to print posters to stick on the wall pin board and people can view your posts without necessarily visiting the wall pin board. A person will not have to visit a wall pin board in order to know the latest posts are any post he/she is interested in. The system will manage all the posts sent to the secure pin board. Pin Board is an application which will automate a lot of activities in a college or office depending upon the usage that is expected by different organization in the system we can display information of all faculties in various departments, display time table for students, display result of students. It can display information related to any holidays, information related to any fees collection scenarios, any common regulatory that are announced by management. SHA algorithm provides security for the website.

**Keywords:** Digital Devices, SMS (Short Message Service), SHA Algorithm.

## 1. INTRODUCTION

The impact of computers on our day to day lives today is probably much more than that we are actually known to. Getting good information and transforming it quickly into products than consumers want to buy is the essential key to staying in business and this all is done now a days using Computers and Application Software. Secure Pin Board defined as an application that provides capabilities for multiple users with different permission levels to manage content, data or information of a website project, or internet / application.

The aim is to design a college website which contains update information about the college to improve efficiency of college record management. The main objective of this system is to reduce the time consumption during maintaining the records of college. Separate divisions are provided to maintain the records of teachers, students, subjects. This System provides an easy way to automate all functionalities of a college and also provides full functional reports to higher management of college with the finest of details about any aspect regarding college.

## 2. EXISTING SYSTEM

The existing system consists of paper based notice which has to be carried by the human to every department in an organizations. The Existing system has a lot of paper work. To maintain the records of notifications and service manually, is a Time consuming task. Lack of security for the records and there is a chance of manipulation, misplacing of records. There is no facility for quick search of any notification papers in emergency cases.

### Disadvantages of Existing system

- The existing system works manually.
- The paper has to be stored in some sort of files and managing physical files is tough.
- The paper may be torn or damaged due to bad weather conditions.

## 3. PROPOSED SYSTEM

In proposed system, we can provide SMS based integration for registration confirmation and Send results as an email to registered students and send SMS alerts whenever results are sent to email or updated by an admin. Secure PinBoard is an application which will automate a lot of activities in a college or office depending upon the usage that is expected by different organizations. We can display information related to any holidays or information related to any fees collection scenarios or any common regulatory that are announced by management. SHA Algorithm Provide security for the website.

### Advantages of Proposed system

- This system helps the student to get any notification quickly.
- This system saves time of both student and management.
- It is not required to going at college notice board see information regard-ing to any event or advertise or messages.
- The college easily posts all types of message on the notice board

### 4. SYSTEM MODULES

**Admin:** Admin can controls, monitors and keeps the whole system. Here admin can login with their credentials after login; admin can add the students and faculty details. Admin can also add results and latest news also.

**Login:** Here admin can Login with their credentials.

**Add and manage faculty:** Here admin can add, update and delete faculty information.

**Add and manage students:** Here admin can add, delete and update students information.

**Add notifications:** Here admin can add notifications and delete notifications if any wrong message was updated.

**Add results:** Here admin can add results for students.

**E library:** Admin can upload the materials for semester wise.

**Faculty:** Here faculty can login with their credentials provided by the admin. After login faculty can add the library information. It can also view students results.

**Login:** Here faculty can login with their credentials provided by the admin.

**Add syllabus:** Here faculty can update syllabus for semester wise.

**E library:** Faculty can upload the materials for semester wise.

**Add notifications:** Here faculty can add notifications.

**View notifications:** Faculty can view notifications provided by admin and other faculty members.

**Upload timetable:** Faculty can upload timetable based on departments and semesters.

**Student:** Here students can login with their credentials provided by the admin and then students can view the results and latest news uploaded by the admin.

**Student Registration:** It will allow students to register. Once registered request will sent to registered mail.

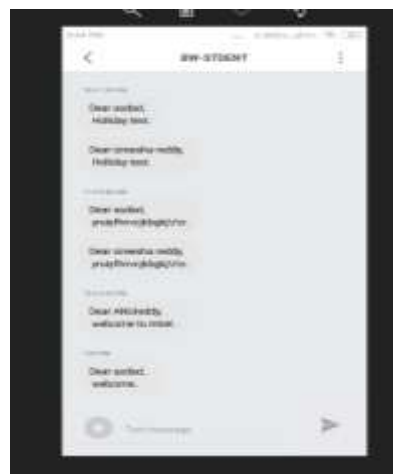
**Login:** Users have to first register themselves to login into the system.

**View timetable:** Here student can view the timetable.

**View results:** It will have a view which will allow him or her to view the results.

**View Profile:** It is used to view name and details.



**Fig 4: E-mail Output****Fig 5: Mobile Output**

## 6. CONCLUSION

This secure pinboard web portal assists in automating the existing manual system. This is a paperless work. It can be monitored and controlled remotely. It reduces the man power required and provides accurate information. Malpractice can be reduced. In this system we gathered all the year's information can be saved and can be accessed at any time. Therefore the data stored in the repository helps in taking decision by management. So it is better to have a web based application. All the users, faculty and management can get the required information without delay. This system is essential in the colleges, schools and universities.

## 7. REFERENCES

- [1] Gunderloy, Jordan BPB Publications (2000) - "**Mastering SQL Server**"
- [2] Luke Welling and Laura Thomson - "**PHP and MySQL**"
- [3] Roger S.Pressmen, T. Mc. GH. Software Engineering (Theoretical Approach)
- [4] Thereon Willis wrox publications (2000) - "**Starting SQL Server**"
- [5] SQL Programming Joes 2 Pros: Programming & Development for Microsoft SQL Server 2008 By Rick A. Morelan
- [6] Kimball's Toolkit Classics: Data Warehouse Toolkit, 2ndEd; Data Warehouse Lifecycle Toolkit, 2nd Ed; Data Warehouse ETL Toolkit
- [7] PHP The Complete Reference

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