

# Daily Report Management System

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**Abstract:** *The Daily Report Management System (DRMS) is designed to streamline the process of managing and tracking student's daily activities at a college level. This system aims to replace traditional paper-based reporting systems, improving efficiency, accuracy, and accessibility. It allows students to submit daily reports. Faculty and administrative staff can easily access and evaluate the reports, offering quick feedback and ensuring better communication with students. The system supports a user-friendly interface where both students and teachers can log in, view reports, submit feedback, and generate performance analytics. By integrating this system, the college can ensure better management of day-to-day academic activities and foster a more organized, transparent, and accountable environment for students and faculty alike. The system is expected to reduce manual paperwork, save time, and provide an easily accessible digital record of students' academic progress.*

**Keywords:** Java, Android, SQL, HTML

## I. INTRODUCTION

In modern educational environments, managing and tracking student progress has become increasingly important for ensuring academic success and maintaining effective communication between students, faculty, and administration. Traditional methods of recording daily activities, such as handwritten logs and paper-based reports, have proven to be inefficient, prone to errors, and time-consuming. These methods often result in delayed feedback and missed opportunities for timely intervention.

The Daily Report Management System (DRMS) is designed to address these challenges by providing a digital platform for tracking and managing student's daily academic activities and performance. This system enables students to submit detailed reports about their daily learning experiences and any other activities related to their courses. The system offers a centralized database that can be accessed by faculty members, ensuring transparency and timely feedback. The Online daily Report Management System is a streamlined digital platform designed to facilitate efficient tracking, recording, and analysis of daily activities and progress within an organization. This system allows team members to submit their daily reports online, detailing tasks completed, ongoing projects, and any challenges encountered by centralizing report submissions enabling them to monitoring team performance, make timely adjustments, and maintain consistent communication. Equipped with customizable templates, secure data storage, and user-friendly interfaces, the system enhances transparency and accountability across departments. Automated notifications and reminders ensure timely report submissions, while robust analytics and reporting tools enable management to analyze trends, generate insights, and optimize workflow. This not only saves time but also enhances productivity and decision-making by providing an accurate, up-to-date view of daily operations.

For students, the system serves as an easy-to-use tool to document their daily tasks and any difficulties they encounter during their studies. This empowers students to track their academic growth, reflect on their learning process, and submit their reports in a consistent manner. Additionally, the system allows students to give direct feedback to faculty members, helping them identify areas of improvement and maintain a steady pace in their academic journey. Teachers can review the daily reports submitted by students, offer constructive feedback, and address any concerns in real-time.



This promotes a more personalized approach to teaching, where instructors can better support students based on their specific needs and progress.

Overall, the Daily Report Management System is an essential tool for improving the organization, efficiency, and effectiveness of tracking student activities at the college level. By digitizing the reporting process, the system not only reduces administrative overhead but also enhances communication between all parties involved, ultimately fostering an environment where students can thrive academically.

## II. OBJECTIVE

The Daily Report Management System is designed to streamline and automate the collection, tracking, and analysis of daily reports within organization. Its objective to:

- **Centralize data collection:** Provide a unified platform for students across various departments to submit their daily reports, ensuring all information is stored in one accessible location.
- **Enhance Accessibility:** Enable authorized users to access, review, and manage reports remotely in real-time, supporting faster decision-making.
- **Improve Accuracy and Consistency:** Minimize human error by standardizing report formats and automating data entry process.
- **Facilitate Data Analysis:** Compile data in formats suitable for generating analytics, enabling users to track key metrics, trends, and performance over time.
- **Ensure Data security and Compliance:** Safeguard sensitive information with secure access controls and maintain an audit trail to support regulatory compliance.
- **Enhance collaboration and communication:** Enable sharing, commenting, and feedback within the system, allowing students and faculty members, HOD's and Principals to communicate effectively on report contents and not as an independent document.

## III. SCOPE OF PROJECT

The Daily Report Management System (DRMS) aims to enhance the management and monitoring of student's daily academic activities, improving the overall educational experience for both students and faculty. The scope of this project defines the boundaries, features, and objectives that the system will address, focusing on the needs of a college-level institution for better tracking, reporting, and feedback on student activities.

## IV. LITERATURE SURVEY

A literature review for a daily report management system involves examining existing research and studies on the topic to identify gaps, challenges, and best practices in implementing such a system. From the available research, it appears that online daily report management systems can improve efficiency, accuracy. I took help from an artificial intelligence system i.e. Black box AI to refer the contents for daily report management system. A literature survey on an online daily report management system for colleges focuses on the design, implementation, and impact of digital solutions for managing daily reports in educational settings..

- **Traditional Methods of Reporting and Their Limitations:** Traditional methods of student reporting, which are predominantly paper-based, are often cumbersome and inefficient. In many colleges, students submit handwritten daily reports or logs to track their activities. According to a study by Zhang et al. (2016), manual report systems face several challenges such as delayed feedback, difficulty in retrieving historical data, and an increased risk of data loss or error. These methods lack real-time tracking and don't provide immediate access to performance data for both students and faculty, creating a barrier to timely intervention when needed.
- **Technological Advancements and Digital Solutions:** With the growth of educational technologies, institutions have started integrating digital solutions into the academic reporting process. Digital platforms have been implemented in various forms such as Learning Management Systems (LMS) and Student Information Systems (SIS). A study by Noroozi et al. (2020) highlights how the use of LMS platforms helps instructors and



administrators monitor students' academic activities efficiently. These platforms allow students to upload assignments, track their progress, and engage in collaborative activities. However, most LMS platforms still focus on assignment management and assessment, lacking a comprehensive daily activity tracking feature

**Case Studies and Practical Applications:** Several colleges and universities have implemented DRMS to enhance student activity tracking. A case study by Chen et al. (2019) from a university in China showed that the implementation of a digital report management system led to improved student engagement and better academic performance due to timely interventions and feedback. Similarly, a study conducted by Patel et al. (2021) found that the use of DRMS in a college setting helped reduce the administrative burden, making the reporting process more efficient while simultaneously enhancing the student-teacher interaction.

## V. PROBLEM STATEMENT

In traditional college environments, monitoring and tracking students' daily academic activities, and progress often rely on manual processes, which are time-consuming, prone to errors, and lack real-time feedback. Faculty and administrative staff face challenges in efficiently tracking individual students' participation, performance, and progress on a daily basis. Moreover, students may struggle with inconsistent feedback and find it difficult to document their academic journey effectively.

The absence of a streamlined, digital solution leads to delayed interventions for students who may require academic support, reduced communication between students and instructors, and challenges in maintaining accurate and accessible records of academic activities. Additionally, the traditional methods do not offer a centralized repository for tracking daily report, making it hard for both students and faculty to monitor long-term trends or patterns. To address these issues, there is a need for an automated Daily Report Management System (DRMS) designed to:

1. Track and record daily activities, including classwork, and challenges faced.
2. Provide real-time feedback and intervention by student members, ensuring timely academic support.
3. Centralize data storage for easy access to academic records, helping administrators monitor progress.
4. Facilitate communication between students and faculty, fostering a more organized and accountable academic environment.

This system will enhance efficiency, reduce administrative workload, and offer a modern, transparent approach to daily activity tracking, benefiting both students and faculty in achieving academic success.

## VI. PROPOSED SYSTEM MODEL

### User Interface

- Login Module: Username/password authentication
- Dashboard: Overview of reports, notifications, and system updates
- Report Submission Form: Structured form for users to submit reports
- Report Viewing/Downloading: Secure access to submitted reports

### Database

- User Authentication: Stores usernames, passwords, and access levels
- Report Storage: Stores submitted reports and associated metadata
- Report Metadata: Date, author, category, and other relevant information

### Report Management

- Report Submission Processing: Validates and processes submitted reports
- Report Validation: Checks format, content, and completeness
- Report Categorization: Organizes reports by date, category, or department
- Report Notification: Sends notifications via email or SMS

### Administration

- User Management: Adds, edits, or deletes student reports
- Report Configuration: Defines report categories, template



- System Settings: Configures security, backup, and integration options

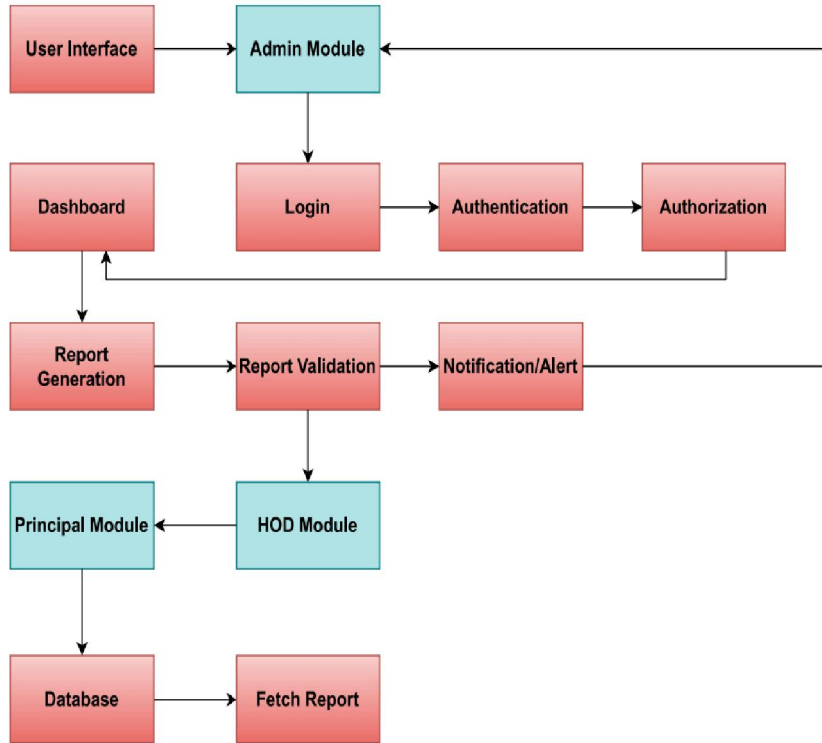


Fig . Block Diagram of Daily Report Management System

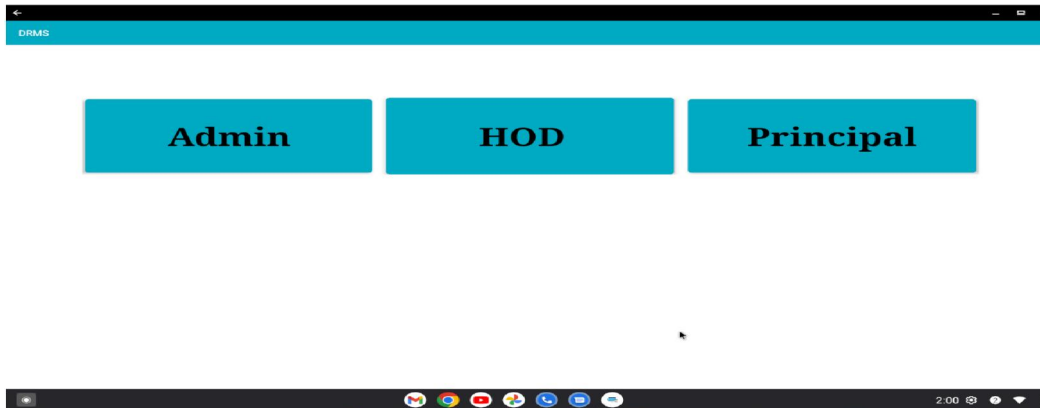
**Integration**

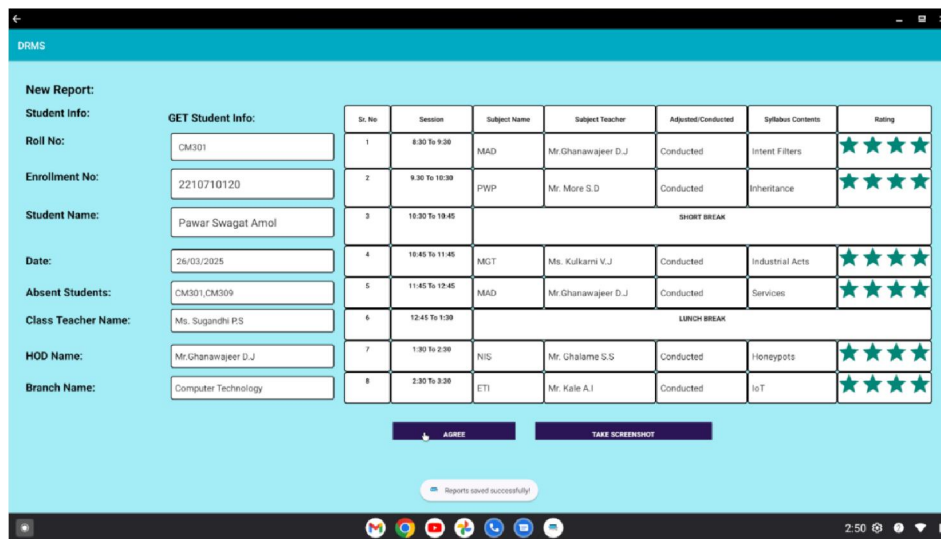
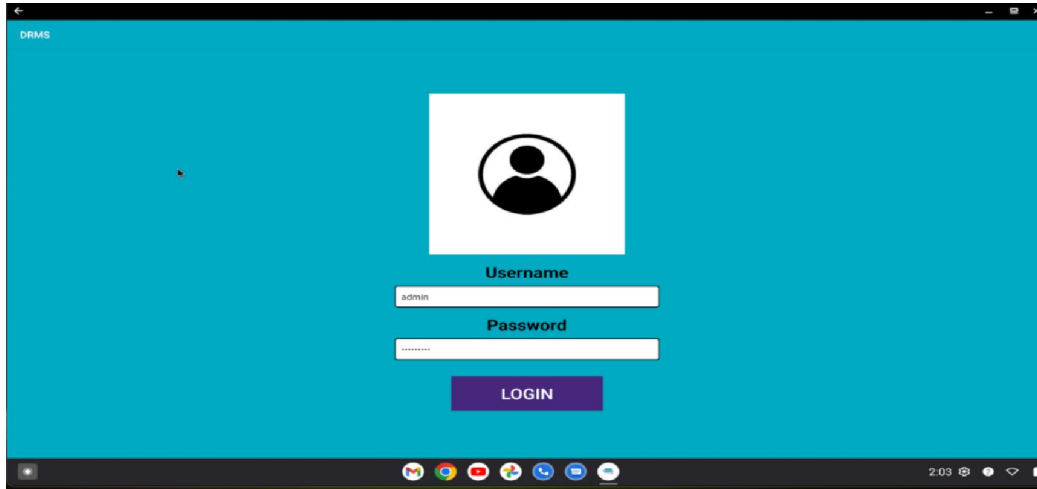
- SMS Integration: Sends notifications via SMS
- API Integration: Connects with third-party services (e.g., calendar)

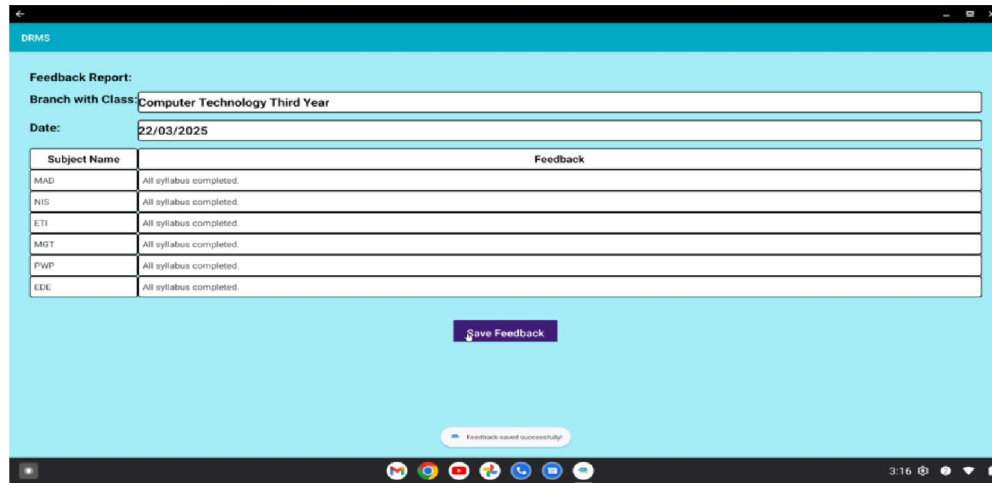
**Security**

- Authentication: Username, password
- Authorization: Role-based access control

**VII. SOFTWARE DESIGN**







DRMS

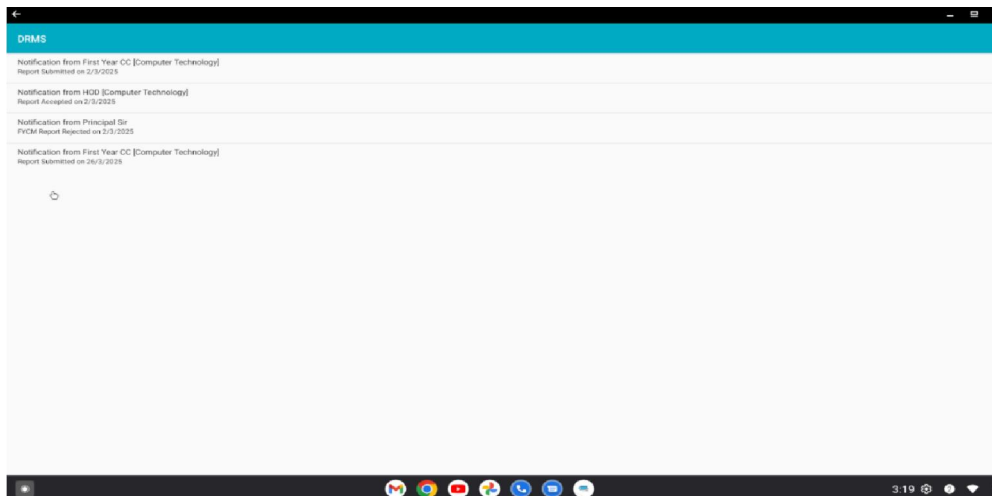
**Feedback Report:**

Branch with Class:

Date:

Subject Name	Feedback
MAD	All syllabus completed.
NIS	All syllabus completed.
ETI	All syllabus completed.
MGT	All syllabus completed.
PWF	All syllabus completed.
EDE	All syllabus completed.

Feedback saved successfully!



DRMS

Notification from First Year OC [Computer Technology]  
Report Submitted on 23/3/2025

Notification from HOD [Computer Technology]  
Report Accepted on 23/3/2025

Notification from Principal Sir  
PCR Report Received on 22/3/2025

Notification from First Year OC [Computer Technology]  
Report Submitted on 26/3/2025

### VIII. ADVANTAGES

- Real time Access and Collaboration
- Improved efficiency and time savings
- Centralized data storage
- Data security and Access control
- Better tracking and analysis
- Data analytics and insights
- Easier compliance and auditing
- Scalability and flexibility

### IX. CONCLUSION

In conclusion, the development and implementation of the Daily Report Management System (DRMS) at the college level has successfully streamlined the process of managing and tracking daily activities, tasks, and academic progress. The system automates the reporting process, ensuring that students and faculty can easily submit, track, and access reports, thus reducing the time and effort involved in manual record-keeping. By centralizing information, the system not only enhances efficiency but also improves transparency and accountability in the academic environment.





The system's user-friendly interface and automated features have contributed to better communication between students, faculty, and administration. The ability to access real-time data and generate detailed reports has significantly improved decision-making and performance tracking. Overall, the Daily Report Management System serves as a powerful tool for improving administrative processes and ensuring that the college environment remains organized and focused on academic excellence. With continuous improvements and updates, this system holds the potential for further enhancements, making it an invaluable resource for both students and educators alike.

#### **REFERENCES**

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