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SIDDHANT EYEBALL: AN EFFICIENT STUDENT ATTENDANCE AND ACADEMIC DATA MANAGEMENT SYSTEM FOR ENHANCING ACCOUNTABILITY AND COMMUNICATION IN EDUCATION

Vidya B. Maskar, Harshada H. Katkar, Dnyaneshwari V. Gophane, Pratiksha A. Raut, Sneha S. Shinde
Department of Computer Engineering,
SVERI's College of Engineering (Poly.)
Pandharpur, India

Abstract— **This system involves the administrators, staff, and parents. Its main purpose is to facilitate attendance tracking and store student information, including academic attendance data and class test marks. The messaging system is the fastest way to distribute information directly and accurately. With this system, the possibility of errors, offenses, or data registration issues is low. To develop this system, an analysis was conducted to identify problems and effective ways to overcome them. While the system is achieving its objectives, there is still room for improvement.**

Keywords— **student, teacher, attendance, report, marks,Staff, parents.**

I. INTRODUCTION

The title of the project is "Siddhant EyeBall". In an age where technology continues to redefine the way we live, work, and communicate, it is no surprise that education is also undergoing a digital transformation. The traditional methods of managing student attendance, class timetables, and test score records are increasingly becoming obsolete, giving way to more efficient and effective solutions.

We present to you "Siddhant EyeBall," an innovative Android application designed to revolutionize education management and communication between students, teachers, parents, and administrators.

Siddhant EyeBall is a comprehensive and user-friendly mobile application that brings a new level of organization and transparency to educational institutions. With its multifaceted features, it caters to the unique needs of students, teachers, and administrators. Let's take a closer look at the key features Siddhant EyeBall has to offer:

Student Attendance Management: Siddhant EyeBall simplifies the process of shadowing and managing pupil attendance. preceptors can painlessly record attendance in real-time, reducing the chances of crimes and making it easier to identify patterns in pupil attendance.

Test Report Marks Management: Keeping track of students' test scores and academic progress is crucial for educational institutions. Siddhant EyeBall allows teachers and administrators to efficiently manage and access test scores, providing insights into students' performance over time.

Parent Communication: In today's world, effective communication is crucial for the success of educational institutions. Siddhant EyeBall is a platform that equips these institutions with the necessary tools to streamline administrative tasks, increase transparency, and improve the parent-teacher relationship. By providing real-time access to critical data, Siddhant EyeBall is the ideal solution for modern educational institutions to overcome the challenges of the dynamic and demanding academic landscape.

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II. PROPOSED ALGORITHM

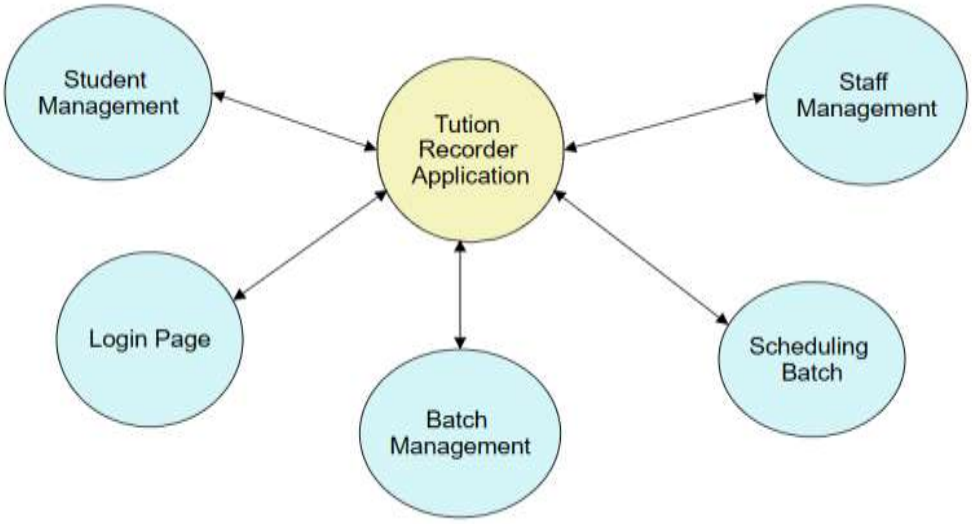


Fig. DFD level 0

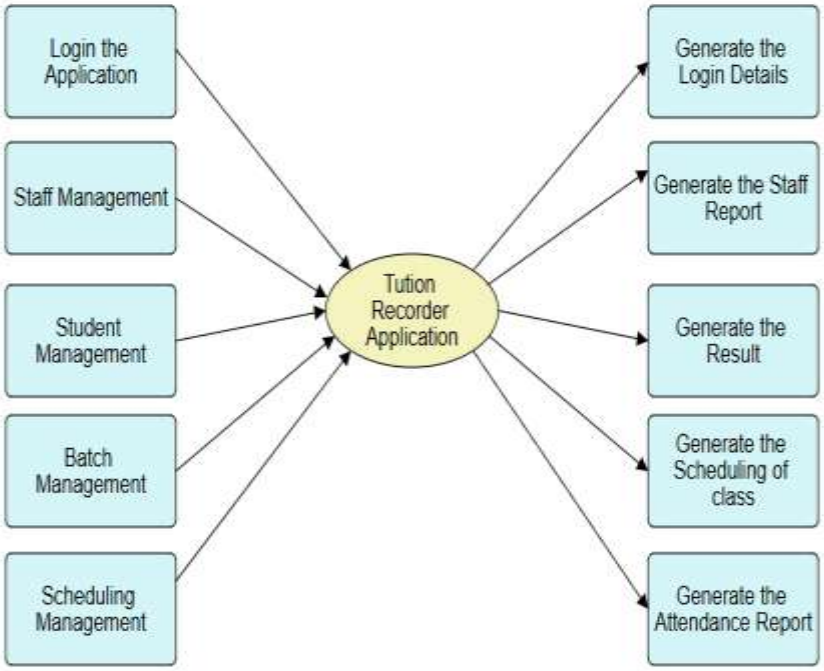


Fig. DFD level 1

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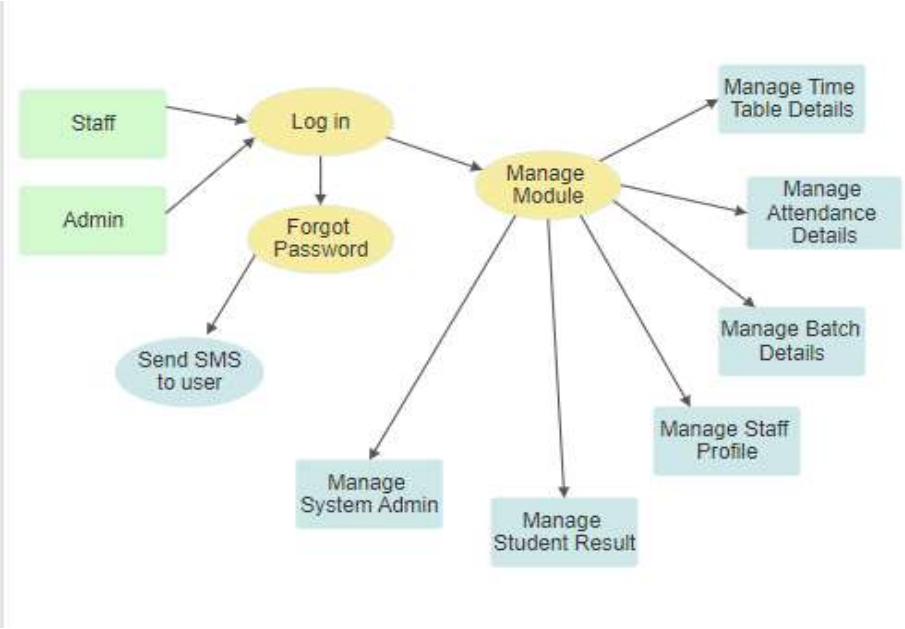


Fig. DFD level 2

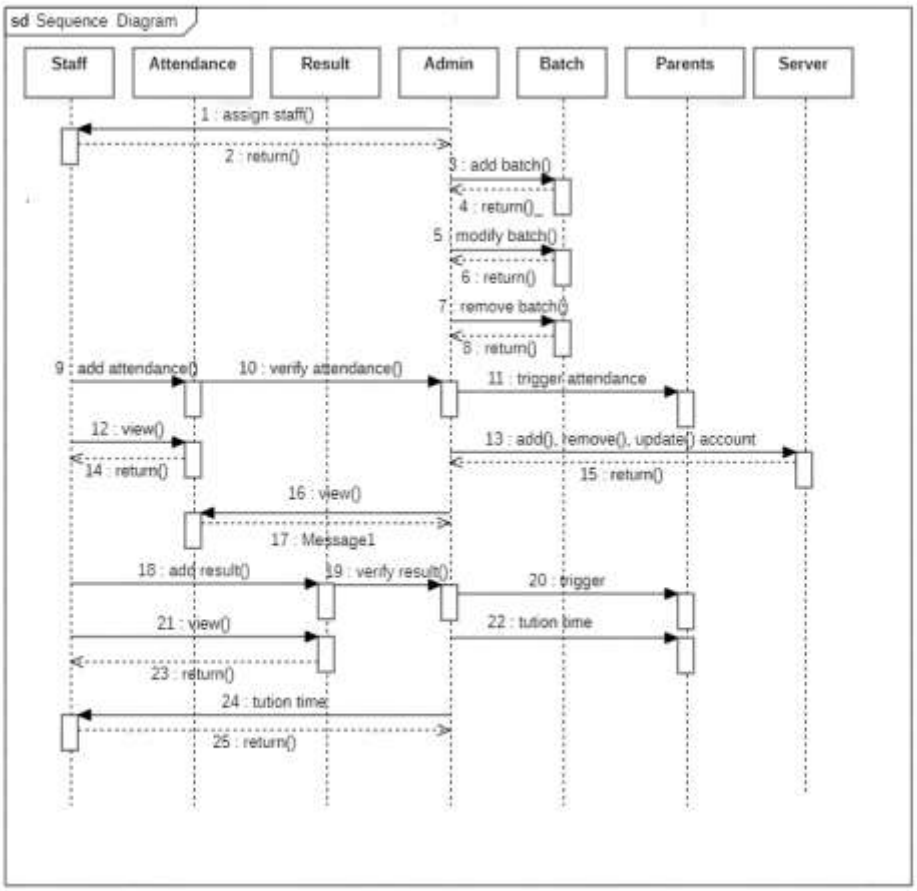


Fig. Sequence Diagram

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III EXPERIMENT AND RESULT

These are the some screenshots of Siddhant Eyeball Application :-

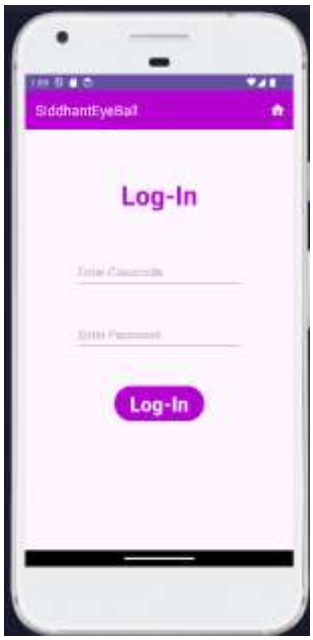


Fig. log-In page



Fig.Class add page



Fig. Add student page

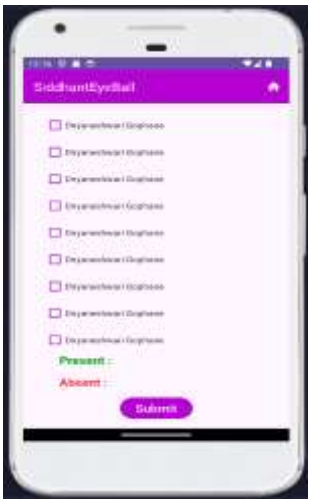


Fig. Attendance taking page

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Fig.Options Page



Fig. Remove class



Fig. Batch Options



Fig.Remove Student

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Fig. Result filling page



Fig.Show Result





Fig.Toast Messages

IV.CONCLUSION

Siddhant EyeBall is more than just an application; it is a catalyst for positive change in education management. It simplifies complex administrative tasks, making education more efficient, transparent, and accessible to all. As we conclude this project, we look ahead to a future where traditional constraints do not confine education. Siddhant EyeBall has set a new standard in education management, providing a scalable platform that adapts to the ever-evolving needs of educational institutions. Our commitment to this project extends beyond its development phase. We will continue to support, enhance, and refine Siddhant EyeBall, ensuring it remains a valuable resource for educators, administrators, and parents. In conclusion, Siddhant EyeBall marks a significant stride towards a more connected, informed, and efficient education ecosystem. It is a testament

to the transformational power of technology in shaping the future of education. With Siddhant EyeBall, we empower the stakeholders of education to embark on a journey of collaboration, engagement, and success in the academic world.

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