Maharashtra State Board of Technical Education

"Realtime Android Aplication For S.P. Bakliwal Vidhyalaya"

A Project Report Submitted by

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In partial fulfilment of a project in Capstone Project Execution for the award Of

DIPLOMA IN Computer Engineering

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CERTIFICATE

This is to certify that project entitled **"*Realtime Android Aplication For S.P. Bakliwal Vidhyalaya*"** which is submitted by **Rahul Sanjay Ambhore (2111620066) & Abhishek Manohar Ghayal (2111620085) & Rohit Babasaheb Thor (2111620127)** in partial fulfillment of the requirement for the award of Diploma in Computer Engineering to Government Polytechnic, Ambad in the subject **Capstone Project Execution (22060)** during academic year **202324** and has been carried out under our supervision.

Guide	**Head of Department**	**Principal**
Prof. V.B.Patil	**Prof. B. S. Pawar**	**Prof. Dr. A. M. Agarkar**

रजि.क्र.: एफ-६१८४ तारांई शिक्षण संस्था पैठण संचलित, स्थापना : २०००

एस.पी.बाकलीवाल विद्यालय

थेरगांव, ता.पैठण, जि.औरंगाबाद

अध्यक्ष
मा.श्री.अनिल पटेल
(B.Sc.)
(माजी राज्यमंत्री)

सचिव
प्रा.डॉ.सौ.रंजना पाटीदार
(M.Sc.Ph.D.)

मुख्याध्यापक
प्रा.सुरेश घ.पाटील
(M.A.,B.P.Ed.)
मो.९४२२४५५७७७

यु.डायस : २७१९०५११८००२ email : spbakliwalthergaon@gmail.com इंडेक्स क्रमांक : ५६.०५.०४७

जा.क्र. : एसपीबाविथे/२० दिनांक :

To,
Principal,
Government Polytechnic College
Ambad Dist. Jalna.
HOD
Department of Computer Engineering

Respected Sir,

We are interested in making School Management Android Application of our school. In this you should help us to make School Management Android Application by including the following aspects.

- Filling of student admission form.
- Registration of student's record from the admission form in the general register.
- Preparation of attendance sheet of student according to admission.
- Preparation of students Identity Card.
- To provide Bonafide Certificate, Admission pass Transcript to the students on demand.
- To complied marks of all the semesters of the students and prepare their annual consolidated result at the end of the year.
- Issuance of School Leaving Certificate to students on demand.
- Preparation of employee leave records. Service records.
- Keeping the records of the material available in the college.

We agree to pay the cost incurred to complete this project.

1. Rahul Sanjay Ambhore.
2. Abhishek Manohar Ghayal
3. Rohit babasaheb Thore.

We Hope, You will help to make School Management Android Application.

Sincerely Yours

HEAD MASTER
S P BAKLIWAL VIDYALAY THERGON
TAL PAITHAN DIST CHATRAPATI SAMBHAJINAGAR

HEAD MASTER
S. P Bakliwal Vidyalay Thergaon
Tal.Paithan Dist.Ch.Sambhajinagar

ABSTRACT

“Realtime Android Aplication For S.P. Bakliwal Vidhyalaya”

A Real Time Android App for College Management of SP Bakliwal is a comprehensive, Android oriented designed to streamline the administration of educational institutions. It provides a onestop solution for managing various aspects of college operations, including student information, faculty details, course details, attendance, and marks.

Key features of this Real Time Android App for College Management of SP Bakliwal include:

- Student Management: It stores student records, including profile details, contact information, and educational details.
- Admission Management: It keeps all the record of the student when the admission procedure is going .
- Management of service book: It provide an essential working of clerk to manage the service book of ever teacher.
- Attendance of teacher Tracking: It provides real-time Attendance tracking of the teacher.

The application aims to reduce paperwork, increase operational efficiency, and ensure data security. It also offers a user-friendly interface that allows students to create accounts and apply for job posts. Despite its many benefits, the application does have some limitations, such as being limited to a single system. However, it is continuously updated to meet the changing needs of users.

In essence, a real-time college management application is a powerful tool that enhances the efficiency and effectiveness of college administration, making it more accessible and manageable

ACKNOWLEDGEMENT

We have great pleasure to express my immense gratitude towards a dynamic person and my project guide **Prof Mr. V. B.Patil**, Department of Computer Engineering, Government Polytechnic, Ambad for giving us a support and opportunity to complete our CPP project. The work presented here could not have been accomplished without her most competent and inspiring guidance, incessant encouragement, constructive criticism and constant motivation during all phases of our CPE work. We are greatly indebted to her.

We are very much thankful to **Prof. B. S.Pawar,** Head of COMPUTER DEPARTMENT and **PROF DR. A. M. AGARKAR,** Principle of Government Polytechnic, Ambad for this encouragement and providing me a motivating environment and project facilities from the Institute to carry out Capstone Project Planning. We would like to all our professors, staff members and all our friends who extended their co-operation to complete the project.

We are indeed indebted to our parents and other family members for their immense help at all levels with moral, social & financial support, care and support throughout our studies without which our work would not have seen light of the day. With warm regards,

Place: Government Polytechnic Ambad

Date: / /

Yours Sincerely,

1.Rahul Sanjay Ambhore
2.Abhishek Manohar Ghayal
3.Rohit Babasaheb Thor

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Introduction

The main objective of college management system is to automate all functionalities of a college or university. Using this system you can manage all college management work like admission, fees submission, time table management and result declaration.

Using this college management system you can view or update data and information about students and staff easily. This system helps in managing the activity like student admission, student registration, fees submission. Admin can also retrieve information of employee student.

The COLLEGE MANAGEMENT SYSTEM can be used to store student information like attendance, fees, and student result etc. admin can create report regarding any student any time using this system.

Using this system you can register new student and their course details. You can submit students fees and can check fees details anytime. You can create exam result and submit in this system. Student can check their result online by logging to the system. You can also add new employee in the system and can check details of the employee easily. Student can also check course detail online from this system.

Our College Management project will major help to CLEARK for their automation tasks. Generally clerk has to go in very critical situations for finding the records of former student of college. Using database functionalities we can retrieve the same data in quick action .so such most of functionalities will help to college for their automation work instead of manually complex work .our project is the most sponsored by college officially.

- **The aim of our Application:**
  - Document Management.
  - Attendance Management.
  - Leave Management.
  - Security and Data Privacy.
  - Reporting and Analytic.

- **Different purposes of Application:**
  - Decreasing the time complexity.
  - Efficient For Handling.
  - Generate the report in the form of pdf.
  - Tracing the Attendance.

1.2 Background and Related Work

The main aim of our project is to develop the application which will be useful for Clerk and other staff. It's very helpful for the Clerk Making there work easy.

Chapter 2

2.1 Literature Survey

In today's digitally connected world, the college staff facing some critical aspects like to much paper work and to much pressure of writing.

The Online College System is a project designed to provide a robust and efficient platform for collecting, analyzing, and managing the activities with are done by the staff from various online sources. This project aims to develop a system that enhances an organization's ability to respond to feedback in realtime,

thereby fostering positive relationships with staff and admin and improving products, services, and operations.

Features of project

- Filling of Student Admission Form
- Registration of student records from the admission form in the General Register.
- Preparation of attendance sheet of students according to admission.
- Preparation of Student Identity Card
- To provide Bonafide Certificate, Admission Pass Transcript to the students on demand.
- To compile the marks of all the semesters of the students and prepare their annual consolidated result at the end of the year.
- Issuance of School Leaving Certificate to students on demand.
- Preparation of employee attendance sheets.
- Maintenance of employee leave records, service records.

2.2 Project Profile & Required Resources

Name	Description
Project Name	Realtime Android Aplication For S.P. Bakliwal Vidhyalaya
Hardware (Minimum Requirement)	• CPU - Pentium IV 2.4 GHz or higher with 533 MHz buss peed • MOTHERBOARD - Intel chipset 845 GV with 533 MHz FSB • CACHE - 512 KB L2 CACHE • RAM - 256 MB DDRSDRAM WITH 266/333 MHz upgradable up to 2 GB • HARD DISK – 512 GB SSD.
System Software	Window 7 and above
Type of Application	Android Application

2.3 Technical Feasibility

Technical analysis evaluates technical merits of the system at the same time collecting additional information about performance, reliability, maintainability and productivity. In some Educational apps, this system analysis step also includes a limited amount of research and design

Technical Requirement	How to accomplished?
FRONTEND	XML
BACKEND	JAVA,PHP,SCRIPT,JSON
TOOL	FIREBASE, JDK,SDK,NDK
SOFTWARE	ANDROID STUDIO

2.4
Need of Collage Management App:

The need for a college management Android application for staff arises from various challenges and inefficiencies faced in traditional manual or disjointed systems. Here are some key reasons why such a project is necessary:

Streamlined Operations: Traditional methods of managing college tasks such as attendance tracking, academic scheduling, and resource management often involve manual processes that are time-consuming and prone to errors. An Android application tailored for staff can streamline these operations, saving time and improving efficiency.

Centralized Information: College staff often need access to various pieces of information scattered across different systems or documents. A centralized application provides a single platform where staff can access all relevant information, such as student records, course schedules, event details, and announcements, thereby improving accessibility and reducing information silos.

Enhanced Communication: Effective communication is crucial for efficient college management. By integrating messaging and notification features, the application facilitates seamless communication between staff members, students, and other stakeholders, leading to improved coordination and collaboration.

Data-driven Decision Making: With built-in reporting and analytics capabilities, the application enables staff to generate insightful reports and analyze data trends related to attendance, academic performance, resource utilization, and other key metrics. This empowers staff to make data-driven decisions and implement strategies for continuous improvement.

Improved Accountability: By digitizing processes such as attendance tracking and academic management, the application enhances accountability among staff members. It provides a transparent record of actions taken and enables supervisors to monitor progress more effectively.

Adaptation to Technological Trends: In today's digital age, leveraging technology is essential for staying competitive and meeting the expectations of students and other stakeholders. A college management Android application demonstrates the institution's commitment to innovation and provides a modern, user-friendly interface for staff members.

Scalability and Flexibility: As colleges grow and evolve, the demands on administrative staff also increase. An Android application designed with scalability in mind can easily adapt to changing requirements and accommodate future expansion without significant disruption.

Accessibility: With the increasing use of smartphones and mobile devices, providing staff members with a mobile application ensures that they can access important information and perform tasks from anywhere, at any time, enhancing flexibility and convenience.

Overall, a college management Android application for staff addresses the need for efficiency, communication, data management, and adaptability in modern educational institutions, ultimately contributing to the overall improvement of college operations and student experience

Module:

The common modules used in college management applications typically revolve around managing various aspects of the academic institution efficiently. Here's a brief overview of some common modules:

User Authentication and Authorization: This module ensures secure access to the application by verifying user credentials and granting appropriate permissions based on roles (e.g., admin, faculty, staff).

Dashboard: A centralized dashboard provides an overview of key information such as upcoming events, recent announcements, quick links to important features, etc. It serves as the main landing page for users.

Student Information Management: This module allows staff to maintain comprehensive records of students, including personal details, academic history, attendance records, disciplinary actions, etc.

Attendance Management: Enables tracking and recording student attendance for classes, events, or extracurricular activities. It may include features for automated attendance tracking using technologies like RFID or biometrics.

Fee Management: Handles billing, fee collection, and financial transactions related to tuition, hostel fees, library fines, etc. It may also include features for generating invoices, tracking payments, and managing scholarships or financial aid.

Staff Management: Allows administrators to manage staff details such as contact information, employment history, salary, etc. It may also include features for leave management and scheduling.

Communication and Collaboration: Facilitates communication between various stakeholders such as students, parents, faculty, and administrators through announcements, messaging, forums, or discussion boards.

Reports and Analytics: Provides tools for generating reports and analyzing data related to student performance, attendance trends, financial status, etc. These insights aid in decision-making and improving institutional effectiveness.

Integration with External Systems: Integrates with external systems such as ERP systems, learning management systems (LMS), or online assessment platforms to streamline data exchange and avoid duplication of efforts.

Support and Helpdesk: Offers assistance to users through documentation, FAQs, support tickets, or live chat features. It ensures users can quickly resolve issues or seek guidance when needed.

These modules collectively contribute to streamlining administrative processes, enhancing communication, and improving the overall academic experience for Principle, faculty, and staff.

User case diagram:

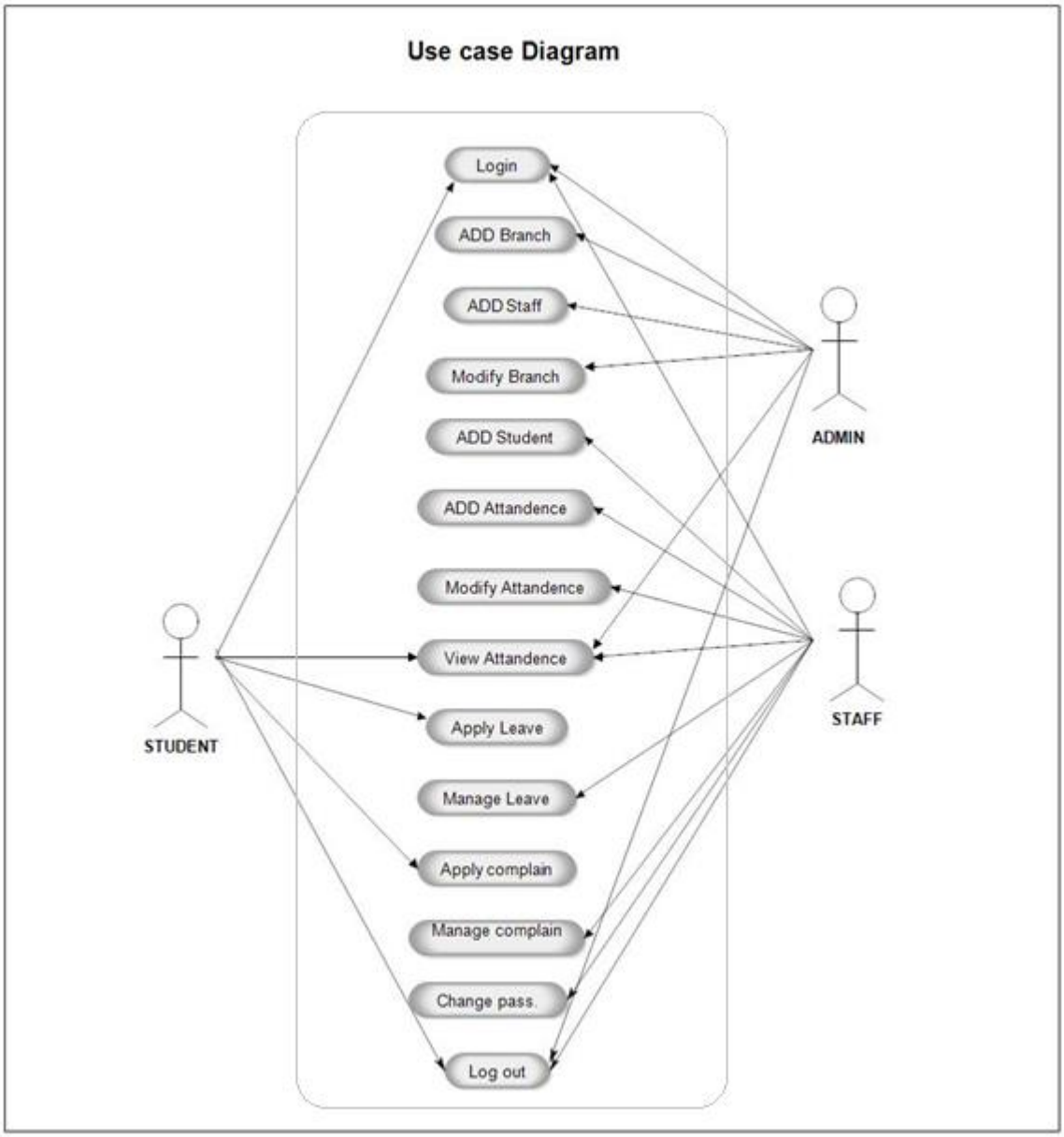


Fig.1.1

Data Flow Diagrams

A Data Flow Diagram (DFD) is a diagram that describes the flow of data and the processes that change or transform data throughout a system. It's a structured analysis and design tool that can be used for flowcharting in place of, or in association with, information oriented and process-oriented system flowcharts.

When analysts prepare the Data Flow Diagram, they specify the user needs at a level of detail that virtually determines the information flow into and out of the system and the required data resources. This network is constructed by using a set of symbols that do not imply a physical implementation. The Data Flow Diagram reviews the current physical system, prepares input and output specification, specifies the implementation plan etc.

Four basic symbols are used to construct data flow diagrams. They are symbols that represent data source, data flows, and data transformations and data storage. The points at which data are transformed are represented by enclosed figures, usually circles, which are called nodes.

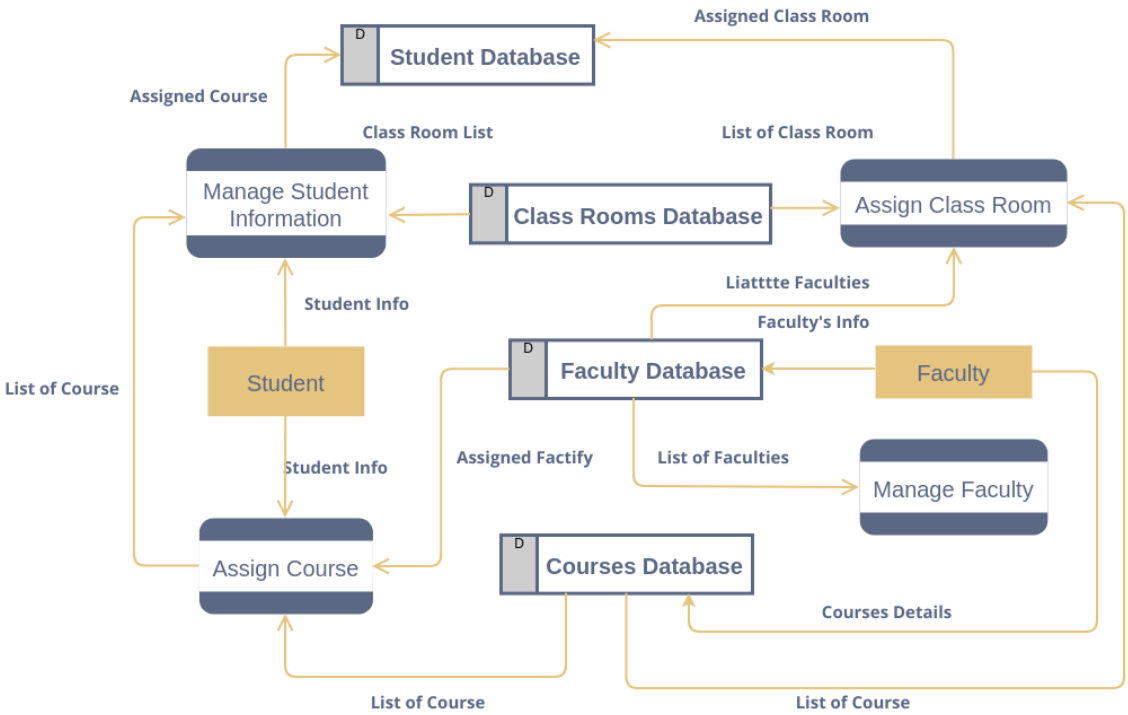


Fig.1.2

E R Diagram

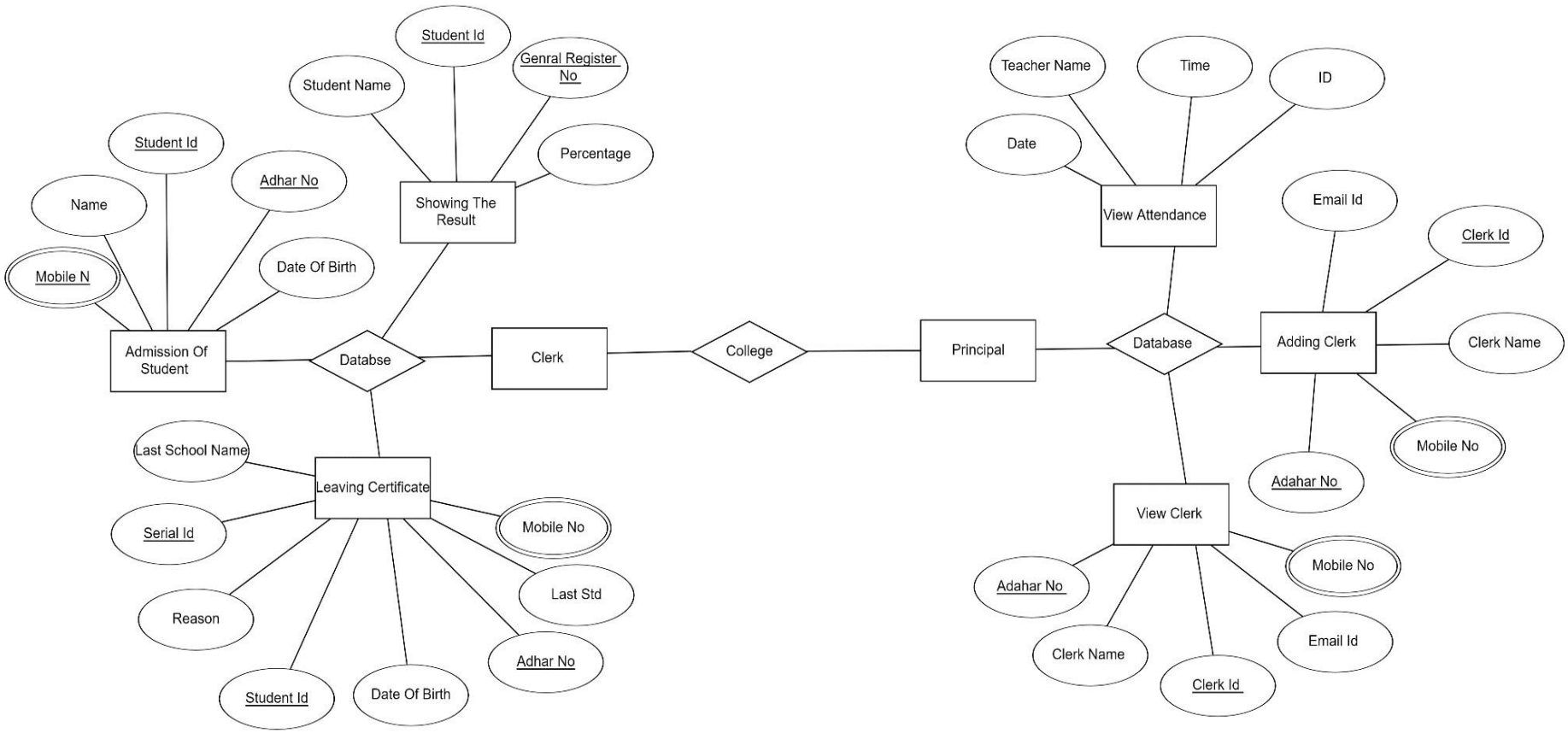


Fig.1.3

2.8 Registration Process

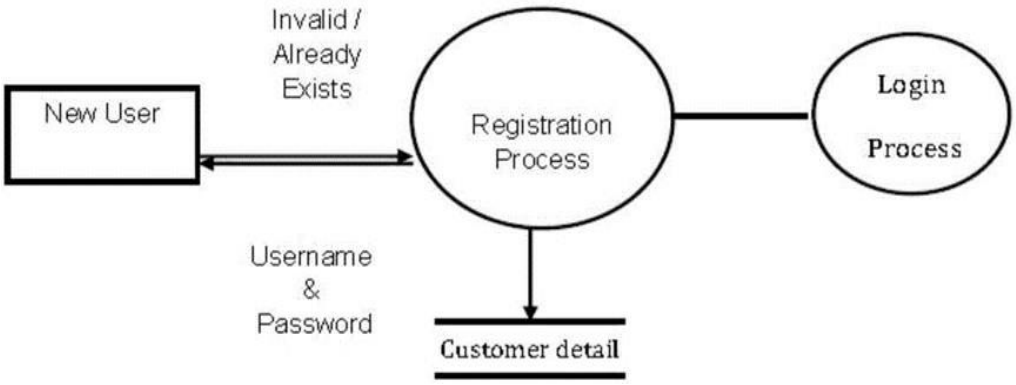


Fig.1.4

2.9 Login Process

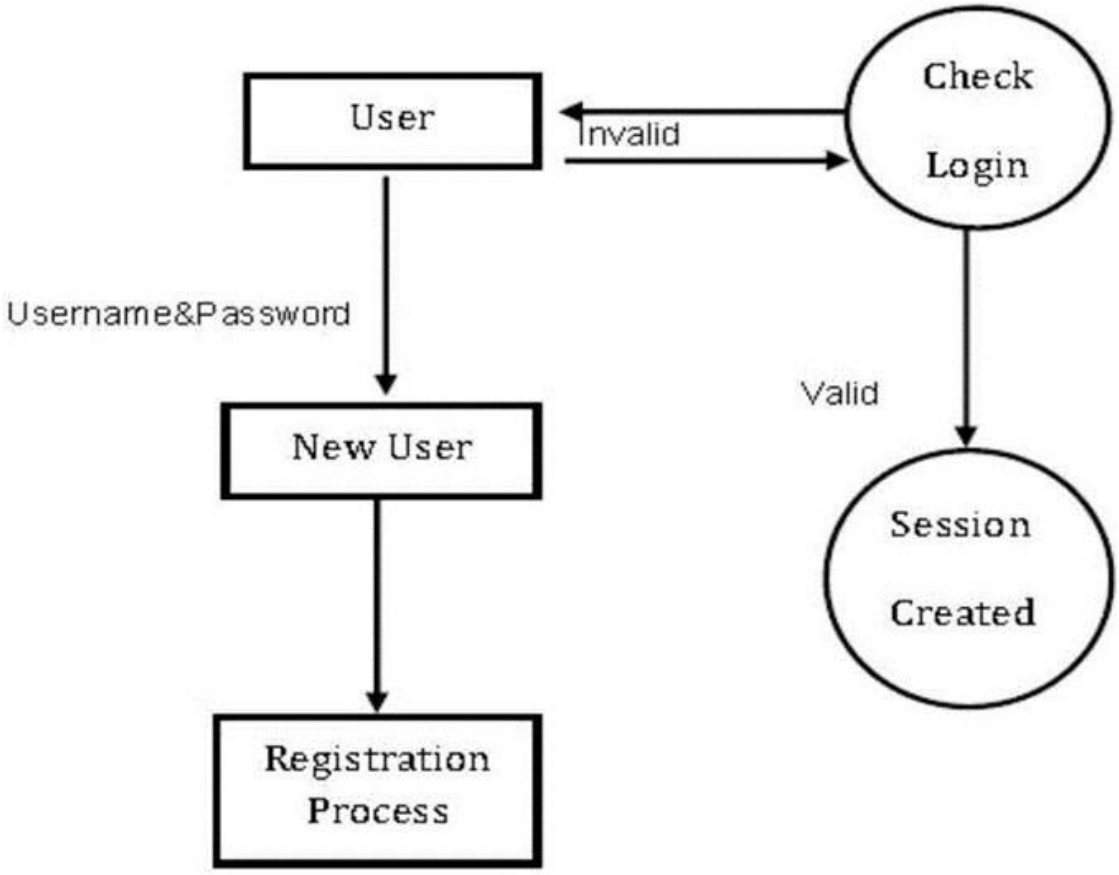


Fig.1.5

Chapter 3

3.1 Scope of Project

Certainly! Developing a college management Android application for staff entails a wide scope to ensure efficient management of various tasks and processes within the college. Here's a breakdown of the potential scope for such a project:

User Authentication and Authorization: Implement secure login mechanisms for staff members to access the application, with role-based access control to ensure appropriate permissions for different staff roles.

Dashboard: Provide a centralized dashboard that gives an overview of key metrics and tasks relevant to staff members, such as upcoming events, pending tasks, announcements, etc.

Profile Management: Allow staff members to manage their profiles, update personal information, and view their roles and responsibilities within the college.

Attendance Management: Implement a feature for staff to take attendance of students in classes or events using the application. This may include options for manual entry or integration with attendance tracking systems.

Academic Management: Include functionalities for staff to manage academic activities such as course scheduling, syllabus management, grading, and exam management.

Student Information Management: Provide features for staff to access and update student information, including personal details, academic records, attendance records, etc.

Communication: Integrate messaging or notification features to facilitate communication between staff members, students, and other stakeholders. This may include announcements, alerts, and messaging functionalities.

Resource Management: Enable staff to manage resources such as classrooms, laboratories, equipment, and library materials through the application.

Event Management: Allow staff to create, manage, and track various events within the college, including academic events, extracurricular activities, seminars, etc.

Reporting and Analytics: Implement reporting functionalities to generate reports on various aspects of college management, such as attendance reports, academic performance reports, resource utilization reports, etc. Additionally, integrate analytics features to provide insights into trends and patterns for informed decision-making.

Integration: Provide integration capabilities with existing college systems such as student information systems, learning management systems, and other relevant platforms to ensure data consistency and streamline processes.

Security and Privacy: Ensure data security and privacy by implementing encryption, secure data storage practices, and compliance with relevant regulations such as GDPR or CCPA.

Accessibility and Usability: Design the application with accessibility features to accommodate users with disabilities, and ensure intuitive user interfaces for easy navigation and usage.

Scalability and Maintenance: Develop the application with scalability in mind to accommodate future growth and changes in requirements. Implement regular maintenance and updates to keep the application running smoothly and address any issues promptly.

3.2 User Role:

College Principle can create & make available the login For the Staff.

Staff can modify its login details as per his need.

Staff can do the work assign by Principle.

Chapter 4

4.1 Methodology:

The methodology for developing the college management Android application for staff involves a structured approach that encompasses various stages, from planning and analysis to implementation, testing, and deployment. The following methodology outlines the key steps involved in the development process:

Requirement Analysis:

Conduct thorough interviews and discussions with stakeholders, including college administrators and staff members, to gather requirements and understand their needs and preferences.
Document functional and non-functional requirements, prioritizing features based on their importance and feasibility.

System Design:

Create a comprehensive system design that outlines the architecture, components, and interactions of the Android application.
Define the user interface design, wireframes, and navigation flow to ensure a seamless and intuitive user experience.

Identify technologies, frameworks, and tools to be used in the development process, considering factors such as platform compatibility, scalability, and performance.

Development:

Implement the features and functionalities of the Android application according to the requirements and design specifications.
Follow best practices and coding standards to ensure maintainability, readability, and scalability of the codebase.
Iteratively review and refine the application based on feedback from stakeholders and testing results.

Testing:

Conduct comprehensive testing of the Android application to identify and address any defects or issues.
Perform functional testing to validate that the application meets the specified requirements and behaves as expected.
Conduct usability testing to assess the user experience and identify areas for improvement.
Perform performance testing to evaluate the responsiveness, stability, and resource utilization of the application under various conditions.

Deployment:

Prepare the Android application for deployment to production environments.
Create installation packages (APK files) and release versions of the application for distribution.
Develop documentation, including user guides and release notes, to support the deployment and adoption of the application.
Coordinate with stakeholders to plan and execute the deployment process, ensuring minimal disruption to operations.

Post-Deployment Support:

Provide ongoing support and maintenance for the Android application, addressing any issues or bugs that arise post-deployment.
Monitor application usage and performance metrics to identify opportunities for optimization and enhancement.
Incorporate feedback from users to prioritize and implement new features and improvements in future updates.

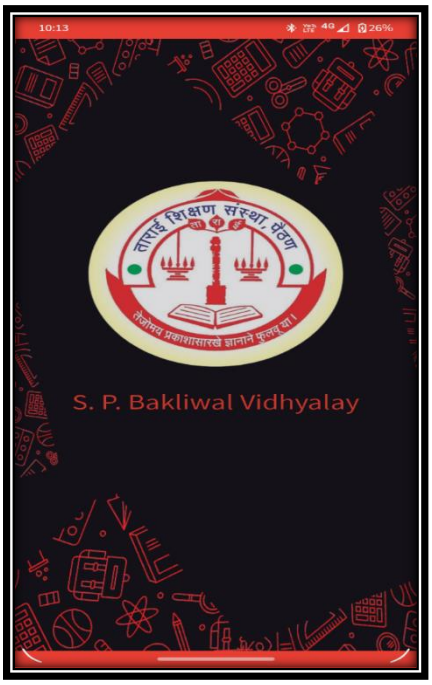
3.3 Action Plan:

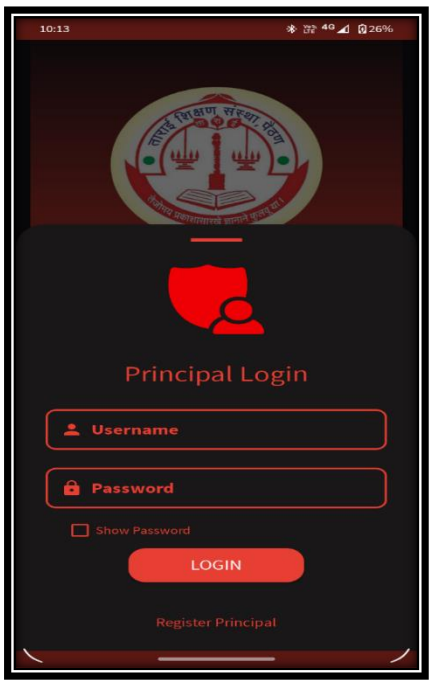
Sr. No	Details of Activity	Execution Start Date	Execution finish Date	Name of Responsible team members
1.	Start the working on the project	5/1/2024	12/1/2024	Ambhore Rahul,Ghayal Abhishek,Thor Rohit
2.	Collecting Information of project	15/1/2024	20/1/2024	Ambhore Rahul,Ghayal Abhishek,Thor Rohit
3.	Identify user requirement and develop user persons	23/1/2024	25/1/2024	Ambhore Rahul,Ghayal Abhishek,Thor Rohit
4.	Plan project milestone, and deliverables	27/1/2024	30/1/2024	Ambhore Rahul,Ghayal Abhishek,Thor Rohit
5.	Develop a project activities, milestone and deliverables	2/02/2024	6/02/2024	Ambhore Rahul,Ghayal Abhishek,Thor Rohit
6.	Develop a level design the system including system architecture and data flow diagrams	8/02/2024	15/02/2024	Ambhore Rahul,Ghayal Abhishek,Thor Rohit
7.	Decide the Finialize schema and data models	17/02/2024	23/02/2024	Ambhore Rahul,Ghayal Abhishek,Thor Rohit
8.	Set up the development environment and establish version control	24/02/2024	28/02/2024	Ambhore Rahul,Ghayal Abhishek,Thor Rohit
9.	Develop the front-end and back-end of the system	1/03/2024	6/03/2024	Ambhore Rahul,Ghayal Abhishek,Thor Rohit
10.	Implement data management protocols, including backup and retrieve procedures	7/03/2024	13/03/2024	Ambhore Rahul,Ghayal Abhishek,Thor Rohit

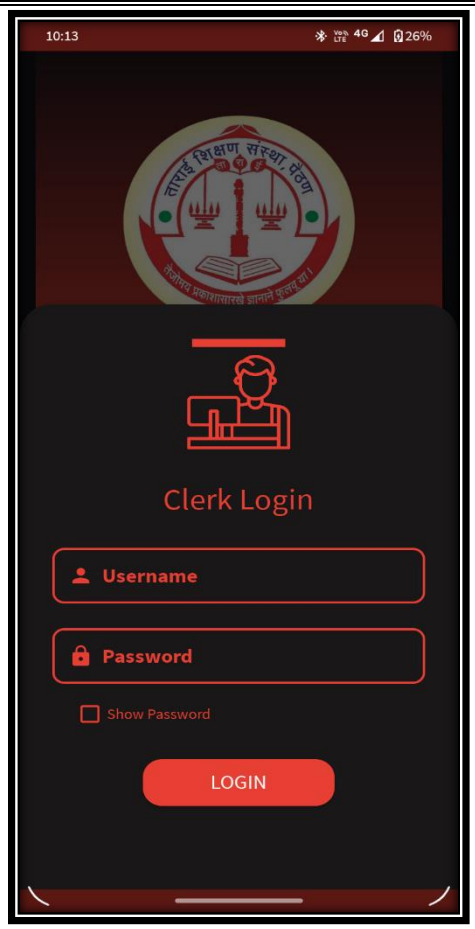
11.	Conduct system testing and. performance testing	15/03/2024	20/03/2024	Ambhore Rahul,Ghayal Abhishek,Thor Rohit
12.	Resolved any issued identified during user Android application testing	21/03/2024	24/03/2024	Ambhore Rahul,Ghayal Abhishek,Thor Rohit
13.	Project Presentation	25/03/2024	27/03/2024	Ambhore Rahul,Ghayal Abhishek,Thor Rohit
14.	Creating Report	28/03/2024	03/04/2024	Ambhore Rahul,Ghayal Abhishek,Thor Rohit

Chapter 5

Design of Project



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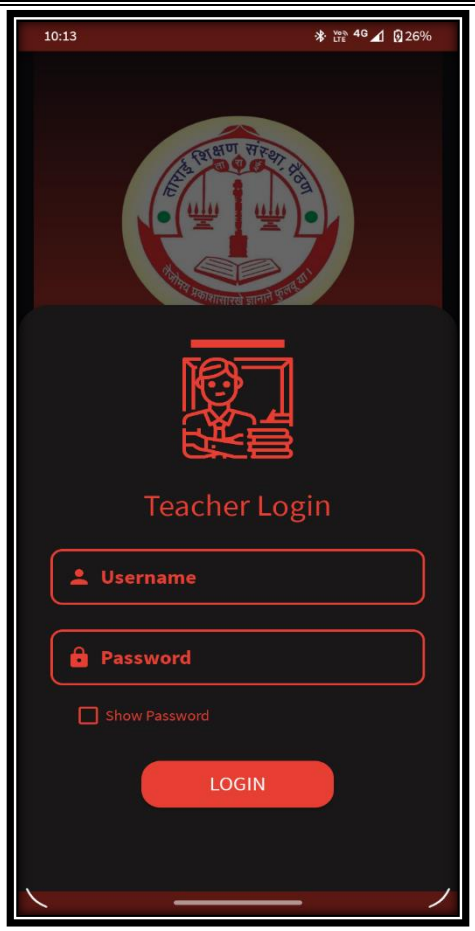
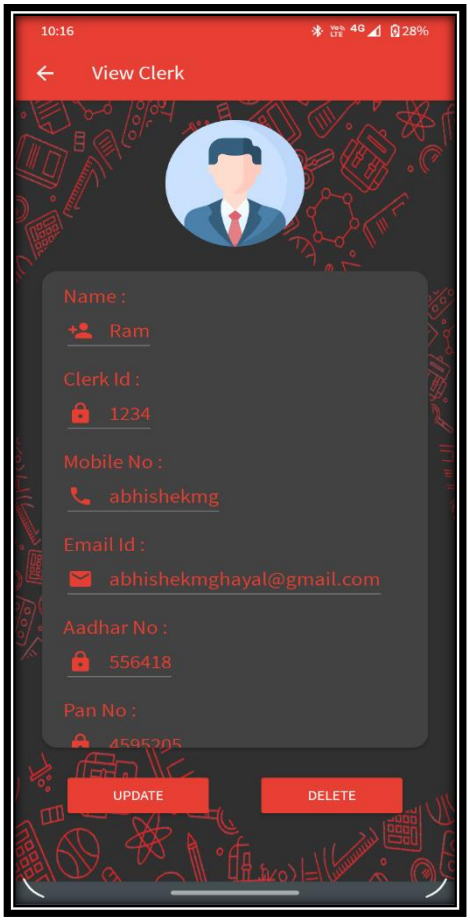
Clerk Login
Username
Password
Show Password
LOGIN


10:13
26%
Teacher Login
Username
Password
Show Password
LOGIN

10:15
27%
Rahul Sanjay Ambhore
Principal
Manage Clerk
Manage Teacher
LEAVE
Leave Request's
Staff Attandance

10:15
27%
Rahul Sanjay Ambhore
Principal
Name :
Rahul Sanjay Ambhore
Mobile No :
7385937358
Email Id :
rahulambhore394@gmail.com
Aadhar No :
646649466793
Pan No :
JDJ829527W
Username :
principal1
Update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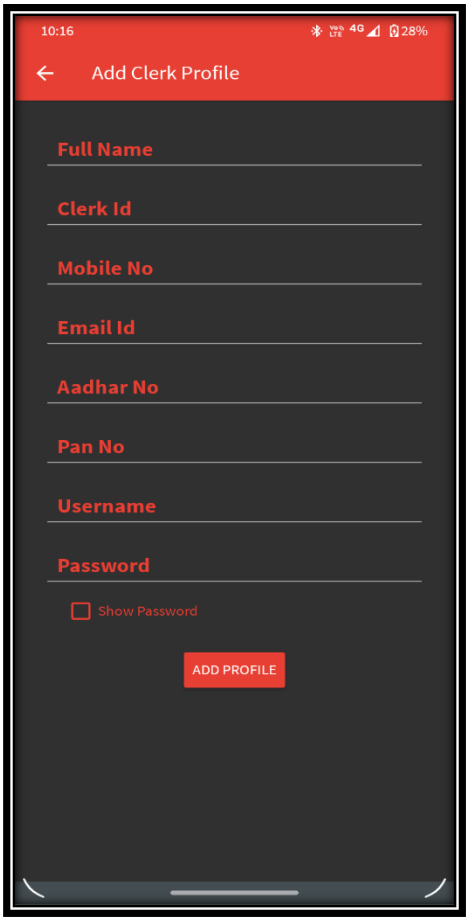
28%
View Clerk
Name :
Ram
Clerk Id :
1234
Mobile No :
abhishekmg
Email Id :
abhishekmghayal@gmail.com
Aadhar No :
556418
Pan No :
UPDATE
DELETE


10:16
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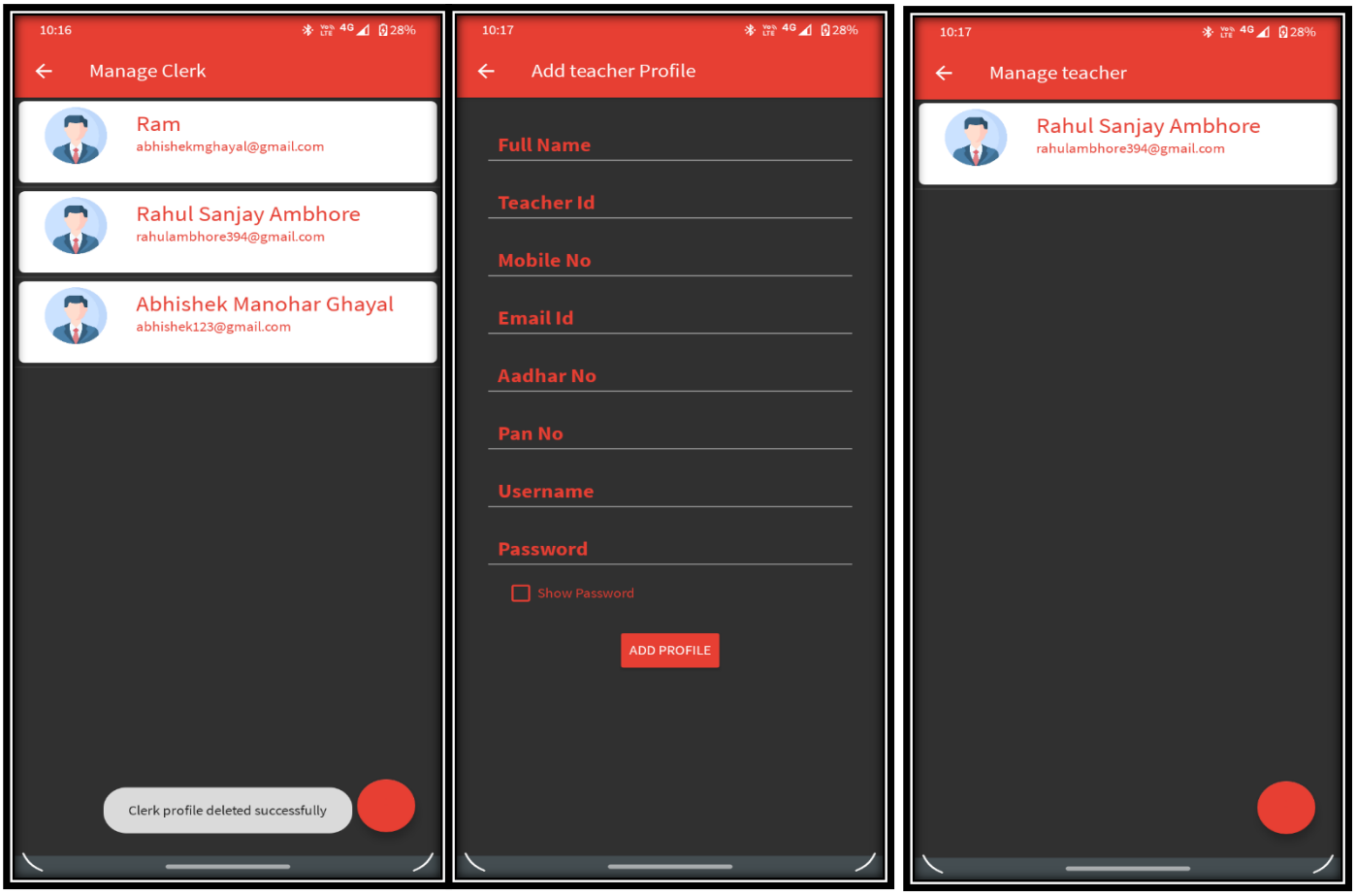
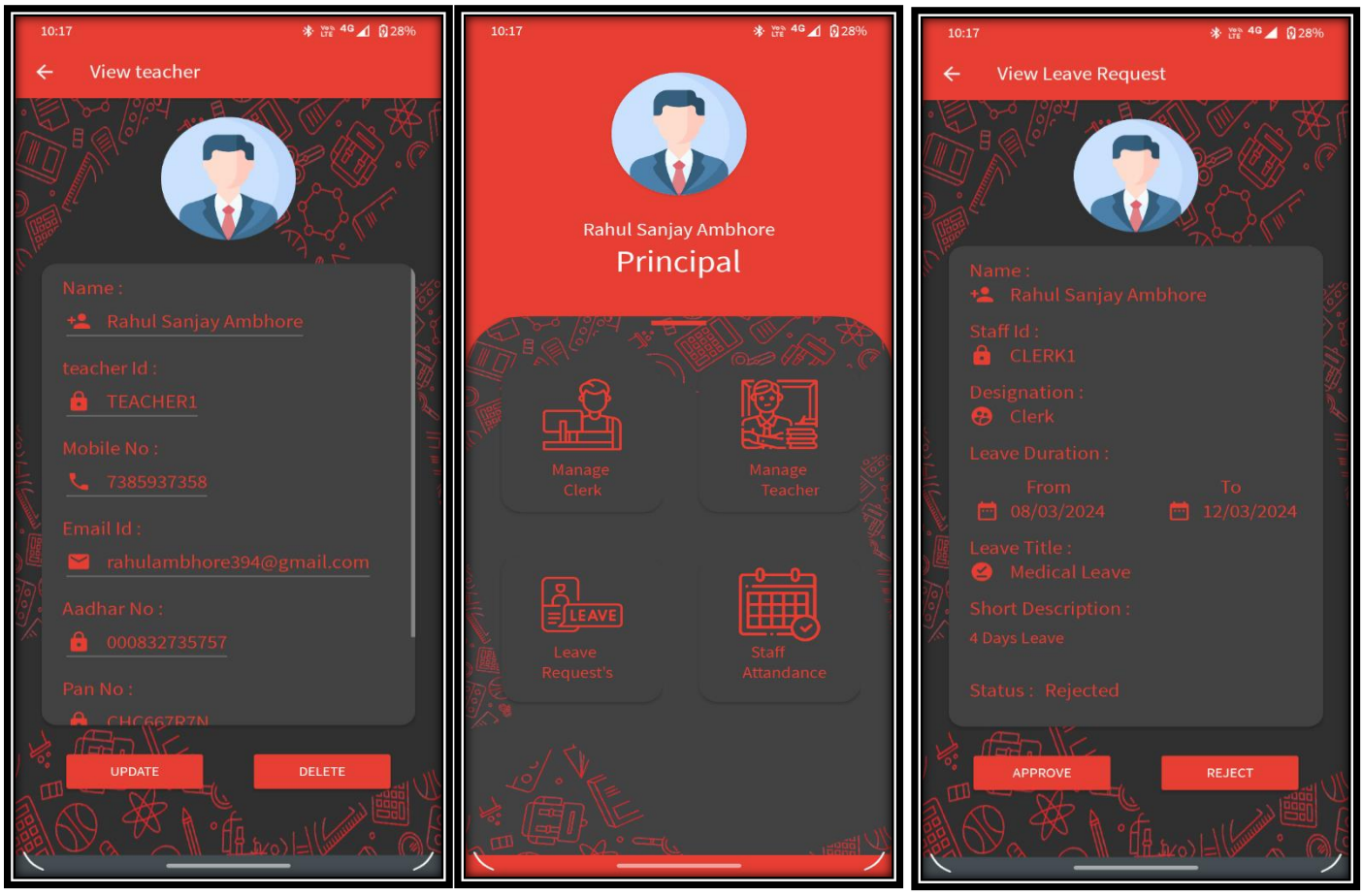
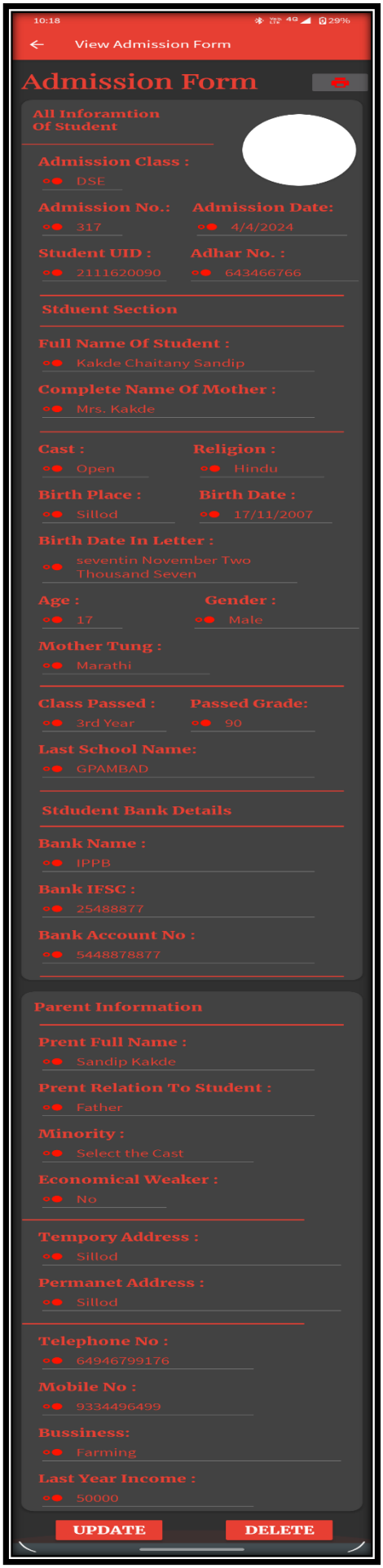
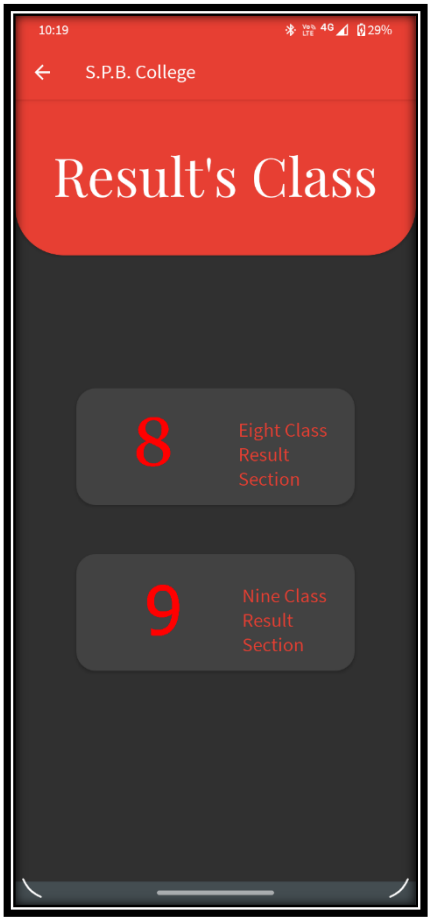
Add Clerk Profile
Full Name
Clerk Id
Mobile No
Email Id
Aadhar No
Pan No
Username
Password
Show Password
ADD PROFILE

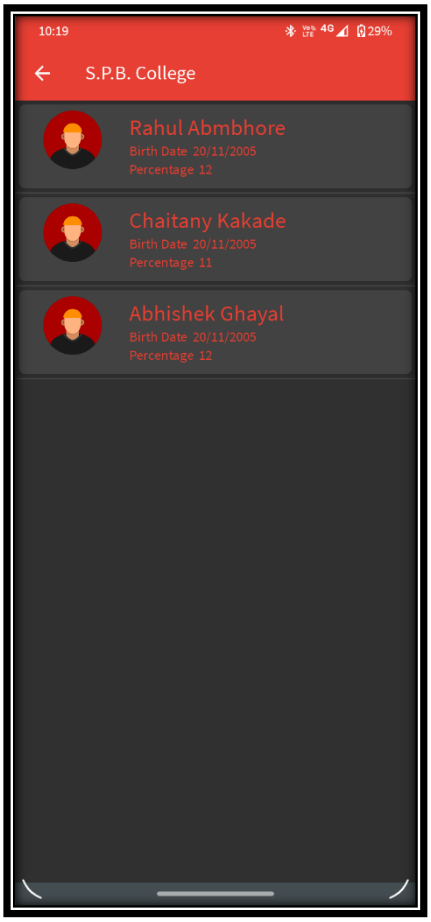

10:16
Manage Clerk
Ram
abhishekmghayal@gmail.com
Rahul Sanjay Ambhore
rahulambhore394@gmail.com
Abhishek Manohar Ghayal
abhishek123@gmail.com
Clerk profile deleted successfully
10:17
Add teacher Profile
Full Name
Teacher Id
Mobile No
Email Id
Aadhar No
Pan No
Username
Password
Show Password
ADD PROFILE
10:17
Manage teacher
Rahul Sanjay Ambhore
rahulambhore394@gmail.com

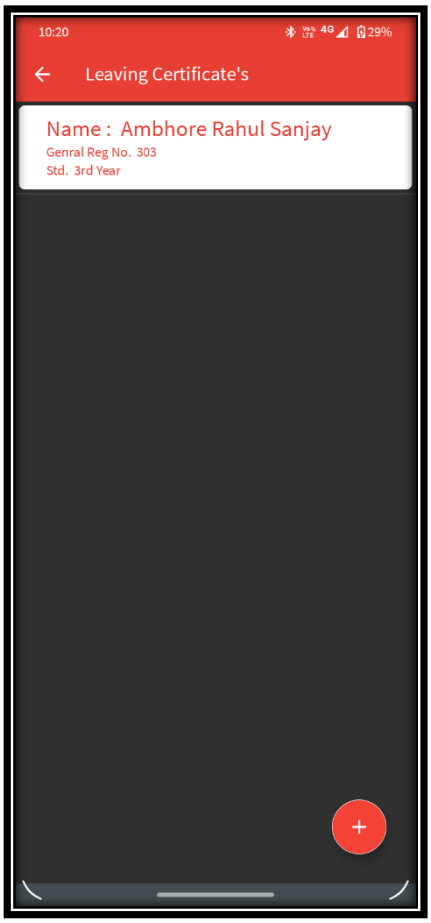

10:17
View teacher
Name :
Rahul Sanjay Ambhore
teacher Id :
TEACHER1
Mobile No :
7385937358
Email Id :
rahulambhore394@gmail.com
Aadhar No :
000832735757
Pan No :
UPDATE
DELETE
10:17
Rahul Sanjay Ambhore
Principal
Manage Clerk
Manage Teacher
LEAVE
Leave Request's
Staff Attandance
10:17
View Leave Request
Name :
Rahul Sanjay Ambhore
Staff Id :
CLERK1
Designation :
Clerk
Leave Duration :
From
08/03/2024
To
12/03/2024
Leave Title :
Medical Leave
Short Description :
4 Days Leave
Status : Rejected
APPROVE
REJECT

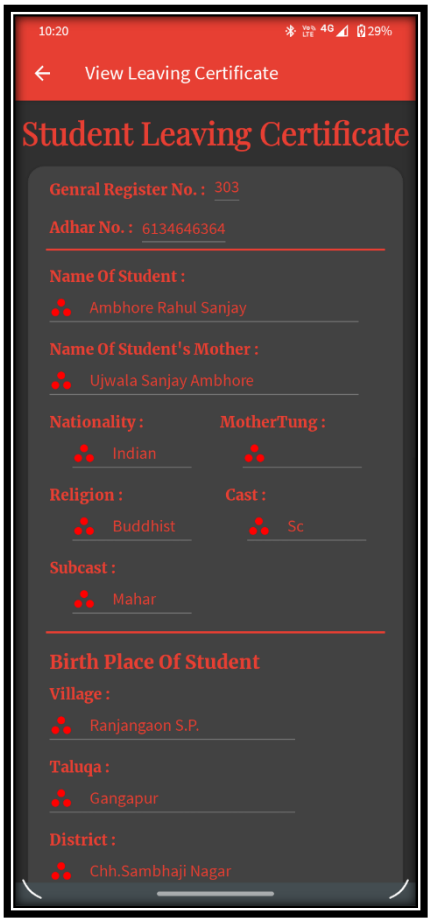
10:18
28%
Rahul Sanjay Ambhore
Clerk
Name :
Rahul Sanjay Ambhore
Clerk Id :
CLERK1
Mobile No :
7385937358
Email Id :
rahulambhore394@gmail.com
Aadhar No :
000076467694
Pan No :
JS892322N
Username :
clerk1

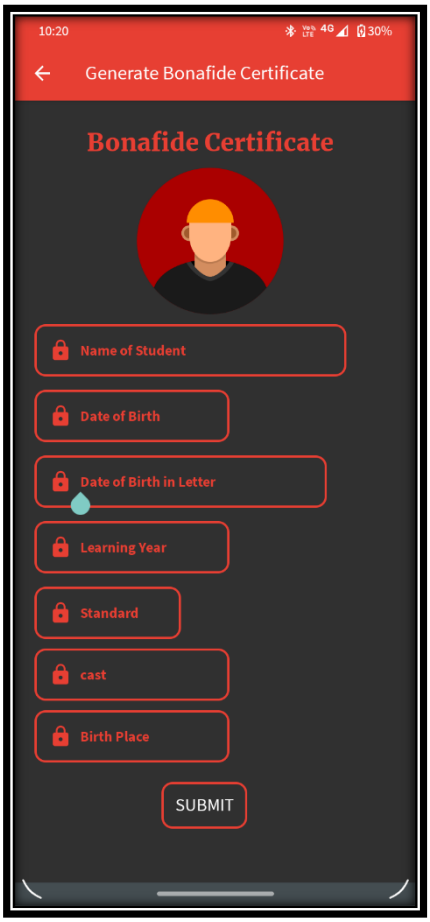

10:18
29%
View Admission Form
Admission Form
All Inforamtion Of Student
Admission Class :
DSE
Admission No.:
317
Admission Date:
4/4/2024
Student UID :
2111620090
Adhar No. :
643466766
Stduent Section
Full Name Of Student :
Kakde Chaitany Sandip
Complete Name Of Mother :
Mrs. Kakde
Cast :
Open
Religion :
Hindu
Birth Place :
Sillod
Birth Date :
17/11/2007
Birth Date In Letter :
seventin November Two Thousand Seven
Age :
17
Gender :
Male
Mother Tung :
Marathi
Class Passed :
3rd Year
Passed Grade:
90
Last School Name:
GPAMBAD
Stduent Bank Details
Bank Name :
IPPB
Bank IFSC :
25488877
Bank Account No :
5448878877
Parent Information
Prent Full Name :
Sandip Kakde
Prent Relation To Student :
Father
Minority :
Select the Cast
Economical Weaker :
No
Tempory Address :
Sillod
Permanet Address :
Sillod
Telephone No :
64946799176
Mobile No :
9334496499
Bussiness:
Farming
Last Year Income :
50000
UPDATE
DELETE

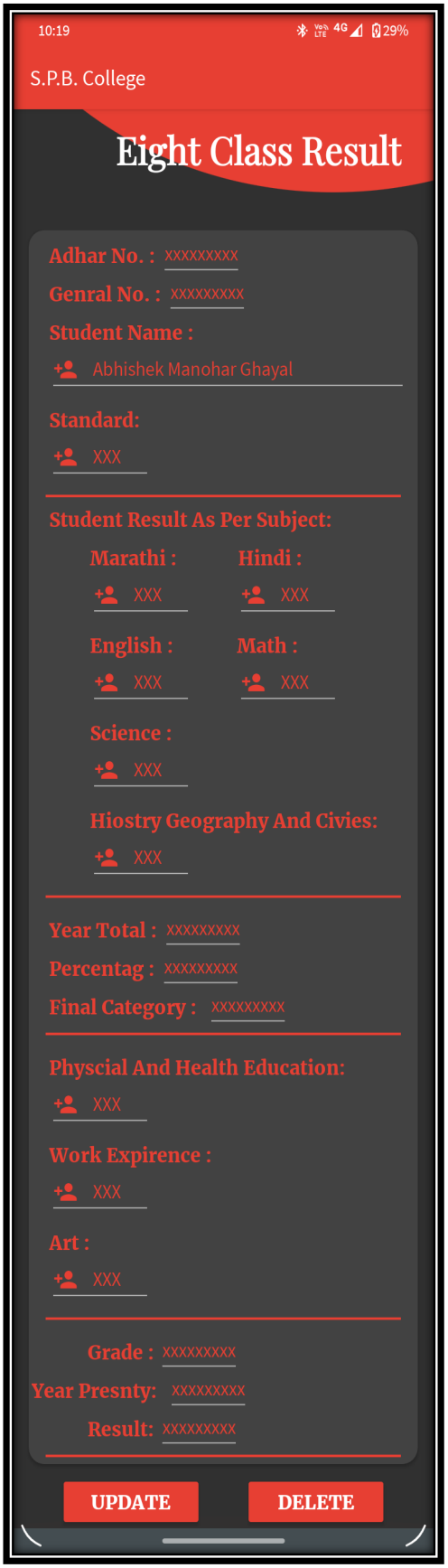

10:19
29%
S.P.B. College
Result's Class
8
Eight Class Result Section
9
Nine Class Result Section

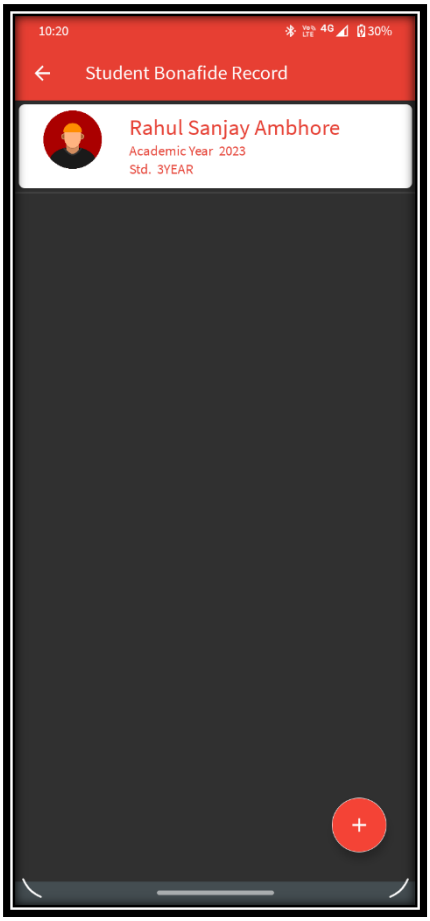

10:19
29%
S.P.B. College
Rahul Abmbhore
Birth Date 20/11/2005
Percentage 12
Chaitany Kakade
Birth Date 20/11/2005
Percentage 11
Abhishek Ghayal
Birth Date 20/11/2005
Percentage 12

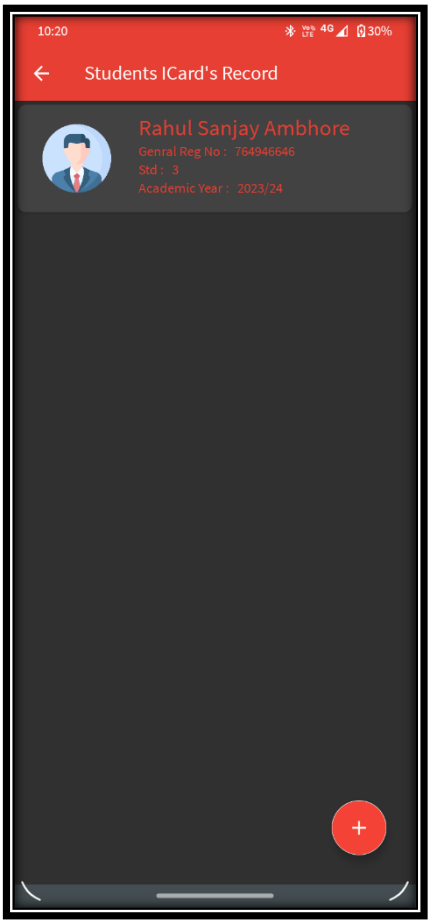

10:20
29%
Leaving Certificate's
Name : Ambhore Rahul Sanjay
Genral Reg No. 303
Std. 3rd Year

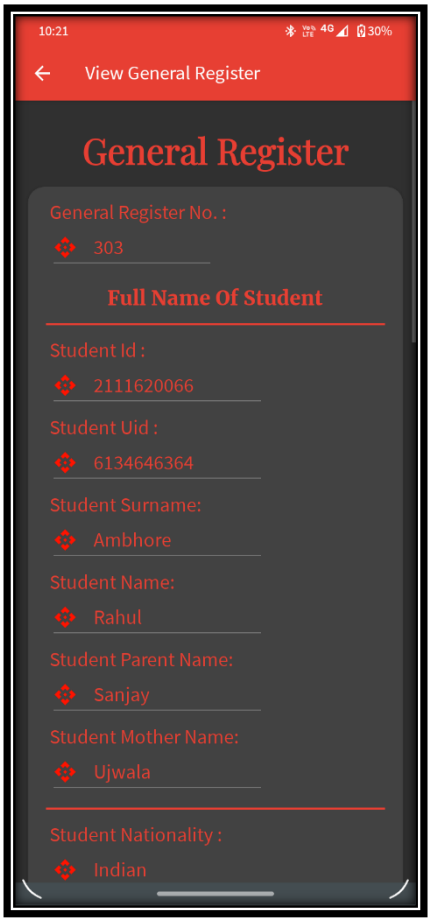

10:20
29%
View Leaving Certificate
Student Leaving Certificate
Genral Register No. : 303
Adhar No. : 6134646364
Name Of Student :
Ambhore Rahul Sanjay
Name Of Student's Mother :
Ujwala Sanjay Ambhore
Nationality :
Indian
MotherTung :
Religion :
Buddhist
Cast :
Sc
Subcast :
Mahar
Birth Place Of Student
Village :
Ranjangaon S.P.
Taluqa :
Gangapur
District :
Chh.Sambhaji Nagar


10:20
30%
Generate Bonafide Certificate
Bonafide Certificate
Name of Student
Date of Birth
Date of Birth in Letter
Learning Year
Standard
cast
Birth Place
SUBMIT


10:19
29%
S.P.B. College
Eight Class Result
Adhar No. : XXXXXXXXX
Genral No. : XXXXXXXXX
Student Name :
Abhishek Manohar Ghayal
Standard:
XXX
Student Result As Per Subject:
Marathi :
XXX
Hindi :
XXX
English :
XXX
Math :
XXX
Science :
XXX
Hiostry Geography And Civies:
XXX
Year Total : XXXXXXXXX
Percentag : XXXXXXXXX
Final Category : XXXXXXXXX
Physcial And Health Education:
XXX
Work Expirence :
XXX
Art :
XXX
Grade : XXXXXXXXX
Year Presnty: XXXXXXXXX
Result: XXXXXXXXX
UPDATE
DELETE

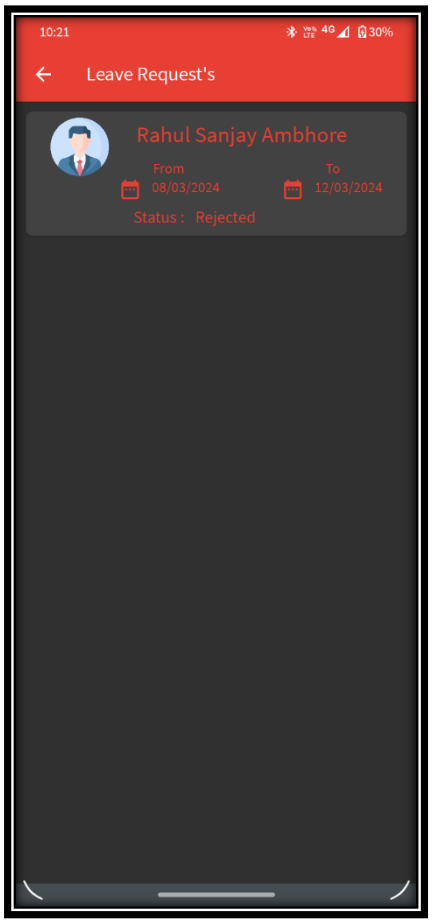

10:20
30%
Student Bonafide Record
Rahul Sanjay Ambhore
Academic Year 2023
Std. 3YEAR

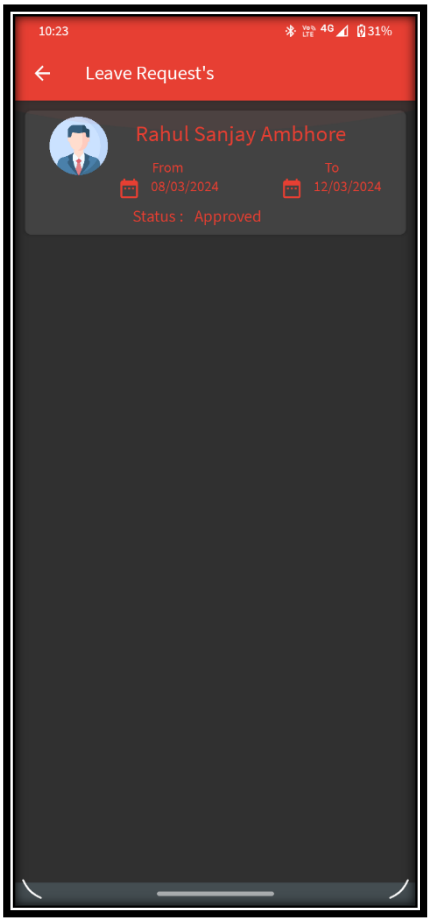

10:20
30%
Students ICard's Record
Rahul Sanjay Ambhore
Genral Reg No : 764946646
Std : 3
Academic Year : 2023/24


10:21
30%
View General Register
General Register
General Register No. :
303
Full Name Of Student
Student Id :
2111620066
Student Uid :
6134646364
Student Surname:
Ambhore
Student Name:
Rahul
Student Parent Name:
Sanjay
Student Mother Name:
Ujwala
Student Nationality :
Indian

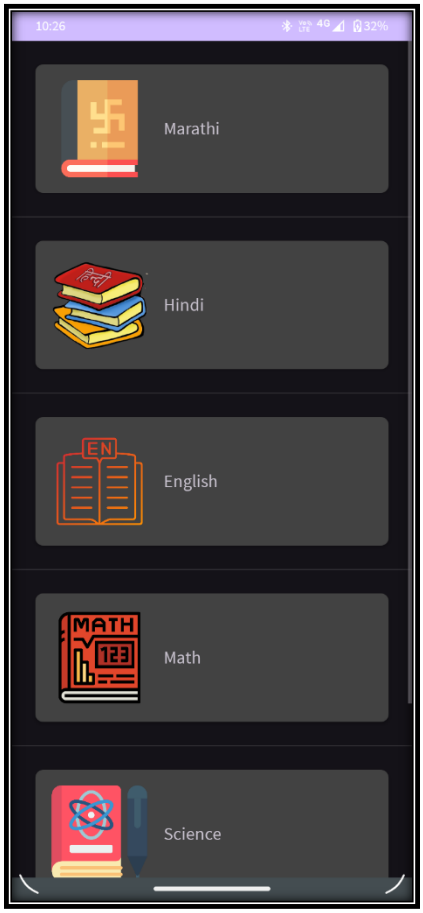
10:21
30%
Add General Register
General Register
General Register No.
Full Name Of Student
Student Id
Student UID.
Student Sername
Student Name
Parent Name
Mother Name
Nationality
Select Mother Tung
Cast
Sub Cast
Religion
Student Birth Place
Village
Taluqa
District
Sate
Country
Birth Date In No
Birth Date In Letter
Stanadard
Admission Date
In Which Grade And Since When Was He Studying
Last Standard
Last Add Date
Progress In Stu
Student Progre
Last School Name
ADD STUDENT

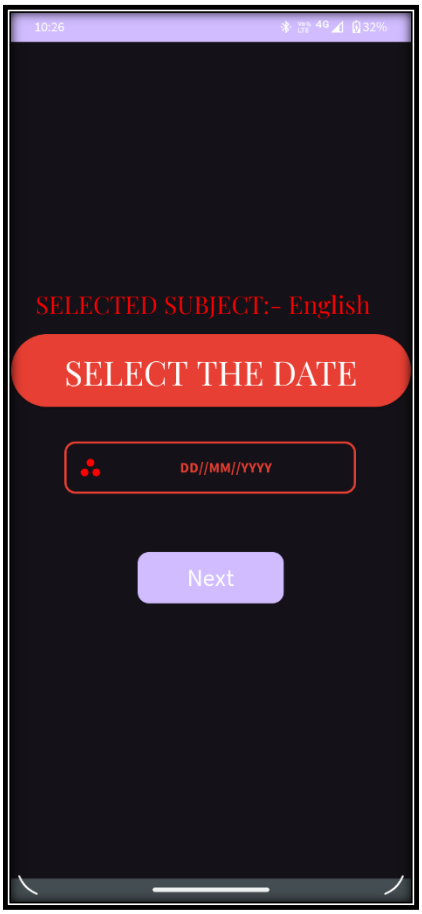
10:21
30%
Leave Request
Apply For Leave
Id Of Clerk
Clerk Name
Designation Of Leave
Start Date
End Date
Leave Title
Leave Description
APPLY FOR LEAVE


10:21
30%
Leave Request's
Rahul Sanjay Ambhore
From
08/03/2024
To
12/03/2024
Status : Rejected

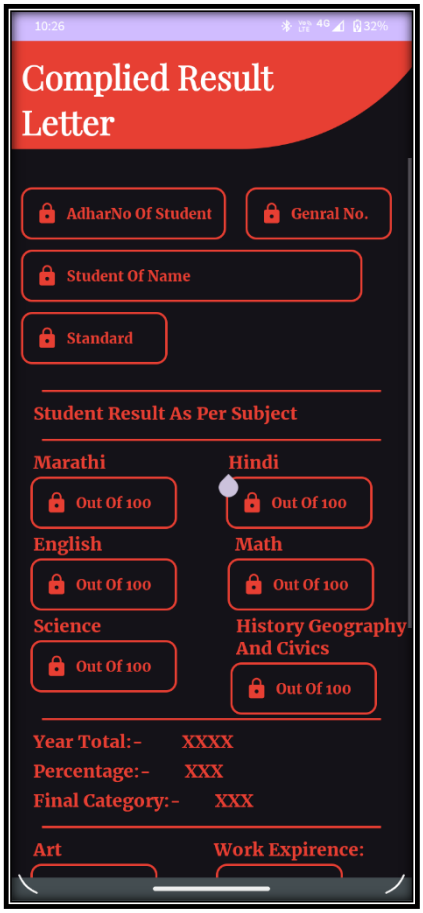

10:23
31%
Leave Request's
Rahul Sanjay Ambhore
From
08/03/2024
To
12/03/2024
Status : Approved

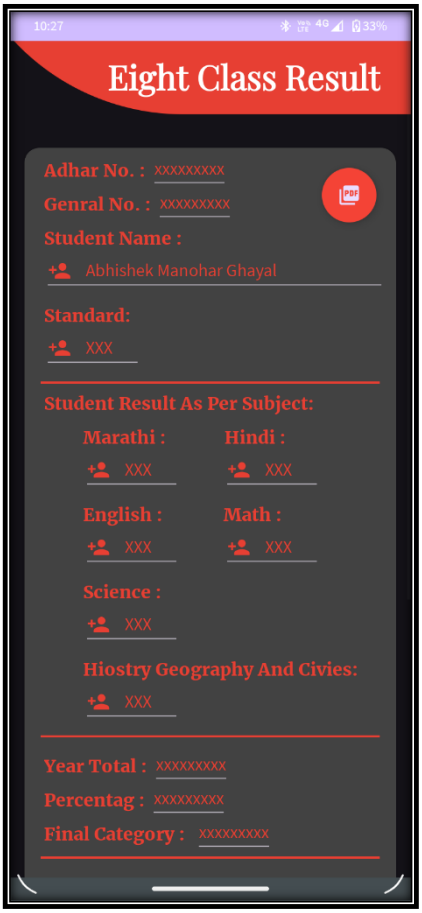
Take Attendance
8
Eight Class Attendance Section
9
Nine Class Attenandance Section


Marathi
Hindi
English
Math
Science


SELECTED SUBJECT:- English
SELECT THE DATE
DD//MM//YYYY
Next

4-4-2024
101 Vikas adhe P
101 Vikas adhe P
101 Vikas adhe P
101 Vikas adhe P
101 Vikas adhe P
101 Vikas adhe P
101 Vikas adhe P
101 Vikas adhe P
101 Vikas adhe P
Submit


Complied Result Letter
AdharNo Of Student
Genral No.
Student Of Name
Standard
Student Result As Per Subject
Marathi
Out Of 100
Hindi
Out Of 100
English
Out Of 100
Math
Out Of 100
Science
Out Of 100
History Geography And Civics
Out Of 100
Year Total:- XXXX
Percentage:- XXX
Final Category:- XXX
Art
Work Expirence:


Eight Class Result
Adhar No. : xxxxxxxxx
Genral No. : xxxxxxxxx
Student Name :
Abhishek Manohar Ghayal
Standard:
XXX
Student Result As Per Subject:
Marathi : XXX
Hindi : XXX
English : XXX
Math : XXX
Science : XXX
Hiostry Geography And Civies: XXX
Year Total : xxxxxxxxx
Percentag : xxxxxxxxx
Final Category : xxxxxxxxx

Tarai Shikshan Sansth's

S.P. BAKLIWAL VIDYALAY

Theragon Tal Paithan Dist. Chha. Sambhajinagar

UDISE NO. 2111620085 INDEX NO. 3rd year

I-CARD 2023-24

Name: Abhishek Manohar Ghayal
Standard: 3rd year(2023-24)
General No: 2111620085
Date of Birth: 20/11/2005
Address: At Post Pachod Tal.Paithan

Student Sign *Collage Stamp*

Tarai Shikshan Sansth's Paithan

S.P. BAKLIWAL VIDYALAY,Thergaon

Theragon Tal Paithan Dist. Chha. Sambhajinagar

Bonafide Certificate

It is Certified that, Kumar/Kumari is Abhishek Manohar Ghayal. This student in this school 2023-24 in the year 3rd year. His/her date of birth as per school record is 20/11/2005 literally Tweently Novemeber Two Thousand Five And There cast is OBC.
Birthplace is At Post Pachod Tal.Paithan Dist.Chhatrapti Sambhaji Nagar.
A habitation certificate is issued.

College Head
Master Sign *Collage Stamp*

Tarai Shikshan Sansth's

S.P. BAKLIWAL VIDYALAY,Theragon

Theragon Tal Paithan Dist. Chha. Sambhajinagar

Serial No.: 585856 General Reg. No.: 8589434

Leaving Certificate

Aaddar Id: 85949

1). Full Name Of Student : Abhishek Manohar Ghayal

2). Name Of Student's Mother : Kantabai Manohar Ghayal

3). Nationality : Indian 4). Mother Tung : Marathi

5). Religion : Hindi Caste : Obc Sub-Cast : mali

6). Birthplace (Village) : Pachod. Tal : Paithan . Dist. : Paithan . State : Maharashtra .

7). Birth Date : 20/11/2005 And In Letters : Twnty and eleven two thousand five.

8). Previous School And Standard : Twnty and eleven two thousand five And Third Year.

9). Date Of Admission To This School : 3/11/2000 Standard: 7Th.

10). Progress In Studies : Excellent 11). Behaviour : Good.

12). Leave Date : 20/3/2024

13). In Which Class Studied And Since When : 12 And 1 year.

14). Reason For Dropping out of School : other reasons .

15). Shera : A.

It is certified that the above information in the school's General Register No. as it like.

Date: 20/3/2024

Class Teacher Sign. Clerk Sign. Head Master Sign.

Tips : 1). Unauthorized alteration of School Leaving Certificate will result in legal action against concered.

Admission Application

Tarai Shikshan Sansth's Paithan

S.P. BAKLIWAL VIDYALAY

Theragon Tal Paithan Dist. Chha. Sambhajinagar

Admission Class : 12 Admission No. : 6 Admission Date : 4/4/2024

a) Details Of Applicant Student : Student ID. :51 Aadhar Id. : 846464

1). Full Name Of Student : Abhishek Manohar Ghayal .

2). Mother Name : Kantabai Manohar Ghayal . 3). Cast And Religion : OBC & Hindi

4). Birthplace : Pachod

5). Birth Date : 20/11/2005. In Letter : twenty eleventh and two thousand five

6). Age Of Student At the Time Of Admission : 19.

7). Gender Of Student : Male

8). MotherTung : Marathi. 9). Class Passed : 11 10). Passed Grade (B).

11). Previous School Naame : government polytechnic ambad

12). Bank Account No. : Bank of Maharashtra

Bank IFSC Code : 95946344848 Account No. : 546431184

b) Details About Parent :

1). Full Name Of Parent : Manohar Ghayal

2). Relation To Student : Son 3). Is Minority Weaker ? : Yes

4). Is Economical Weaker ? : Yes

5). Temporary Address : At Post Pachod Tal Paithan

6). Permanent Address : At Post Pachod Tal Paithan

7). Telephone No. : 9404122953 Mobile No. : 9404122953

8). Bussiness : Teacher Last year Income : 20000

We Agree That If The Above Applicant Is Admitted To Your School, All Instructions And Rules Issued By The School From Time To Time Will Be Followed And They Will Be Binding On Us.

Tarai Shikshan Sansth's

S.P. BAKLIWAL VIDYALAY,Theragon

Theragon Tal Paithan Dist. Chha. Sambhajinagar

Compiled Result Letter

Aadhar Id : 848468448 General Reg. No. : 54943

Student Name : Abhishek Manohar Ghayal.

Student Standard : 9.

Subject	Total Marks	Obtained Marks
Marathi	100	50
Hindi	100	40
English	100	55
Mathematics	100	66
Science	100	44
Histroy Geography And Civies	100	55
Annual Total	600	55
Hundred Points		95
Final Category		A
Physical Education	Grade	A
Work Experience	Grade	A
Art	Grade	A
	Grade	A
Annual Hundred Attendance		95
Result		Pass

Class Teacher Sign. **Clerk Sign.** **Head Master Sign.**

Chapter 6

Future Scope

The future scope of a college management Android application can be broad and may involve incorporating emerging technologies, enhancing user experience, and addressing evolving needs in the educational sector. Here are some potential areas of future development:

Integration of AI and Machine Learning: Implement AI-powered features such as personalized recommendations for course selection, predictive analytics for identifying at-risk students, or chatbots for providing instant support and guidance to users.

Enhanced Mobile Learning: Develop capabilities for mobile learning, allowing students to access course materials, participate in discussions, and complete assignments directly through the app. This could include support for multimedia content, interactive quizzes, and collaborative learning tools.

Virtual and Augmented Reality: Integrate VR/AR technology to create immersive learning experiences, virtual campus tours, or simulations for hands-on training in specialized subjects like science or engineering.

Blockchain for Academic Credentials: Explore blockchain technology for securely storing and verifying academic credentials such as certificates, diplomas, and transcripts. This ensures transparency, authenticity, and tamper-proof records, simplifying the verification process for employers and educational institutions.

IoT for Campus Management: Utilize IoT devices for smart campus management, including monitoring facility usage, tracking equipment maintenance, managing energy consumption, and ensuring campus security through connected sensors and devices.

Enhanced Analytics and Data Visualization: Further enhance reporting and analytics capabilities by leveraging advanced data visualization techniques and predictive modeling. This enables administrators to gain deeper insights into student performance, faculty workload, resource utilization, and institutional effectiveness.

Accessibility and Inclusivity: Ensure the application is accessible to users with disabilities by adhering to accessibility standards and incorporating features such as screen readers, voice commands, and adjustable font sizes. Additionally, consider catering to diverse learning needs and preferences through customizable interfaces and learning pathways.

Gamification and Rewards Systems: Introduce gamification elements and rewards systems to incentivize student engagement, encourage academic progress, and foster a sense of community within the institution. This could include badges, leaderboards, and virtual rewards for achievements and milestones.

Chapter 7.

Conclusion

The development of our college management app for staff faculty represents a significant step towards enhancing the efficiency and effectiveness of administrative processes within educational institutions. This project has been undertaken with a commitment to addressing the unique needs and challenges faced by colleges and universities in managing student and academic.

Our app offers a comprehensive suite of features that empower staff faculty to streamline their daily tasks, reduce paperwork, and improve communication within the institution. Through user-friendly interfaces and robust functionalities, we aim to simplify the management of student records, courses, attendance, and more.

References

- https://www.geeksforgeeks.com
- https://www.tutorialspoint.com
- https://www.stackoverflow.com
- https://www.androiddevelopers.com
- https://www.youtube.com
- https://www/codewithharry.com