

## Group ID:-15

**Group Title:Education.**  
**(College Operations Management System)**

### **Group Details:-**

- 1.202312060(Trivedi Khushi)
- 2.202312059(Parmar Dhruv)
- 3.202312017(Nakum Rutvik)
- 4.202312128(Sharma Alkesh)

### **Technologies will use:**

SDK:Flutter  
Language:Dart  
Backend:Firebase(BaaS)

---

As an admin of the College Operations Management System app, I want to be able to:

- As an admin, I want to be able to log in securely using my email and password so that I can authenticate my credentials against the database.
- As an admin, I want the forget password option available to reset the password through which I can reset the password if I forget it.
- As an admin, I want to view and manage the details including photo, name,gender, date of birth,stream, email, contact number, address, blood group of all registered students so that I can add, edit, or delete student records as needed.
- As an admin, I want to access and view the timetable for various courses offered by the college, including course name ,subject,date ,time, so that I can add and update the timetable if there are any changes.
- As an admin, I want to post important notices and announcements for students and staff so that I can categorize notices by topics such as cultural festivals, college activities, sports, exams, job vacancies, and general updates, making them visible to the relevant recipients.
- As an admin, I want to upload and share study materials such as lecture notes, presentations, and assignments, allowing for file selection. I also

want to include fields for subject name, stream, semester selection, and date and time, so that I can organize materials by courses and topics for easy access by students.

- As an admin, I want to manage the list of courses offered by the college so that I can add new courses, update existing ones, or deactivate courses that are no longer offered.
- As an admin, I want to be able to view the attendance percentage of students, so that I can monitor their attendance, track their academic progress, and provide necessary support when needed.
- As an admin (teacher), I want to be able to approve or reject leave requests from students, so that I can effectively manage student absences from school.
- As an admin, I want to publish examination results for all courses, enabling the upload of results based on stream, and ensuring that they are accessible only to authorized users, who can view them using their ID numbers, so that I can ensure that results are accurate and securely accessible.
- As an admin, I want to view the list of teaching and non-teaching staff, including contact information and department details for each staff member, and also have the ability to remove staff and teachers who have left the university, so that I can maintain an updated and accurate staff directory.
- As an admin, I want to track library transactions, specifically knowing which student has issued which book, so that I can effectively manage the library's resources and ensure accountability for borrowed items.
- As an admin, I want to see the fees status of the students, including details of students who have paid the fees, the mode of payment, and the date and time of payment, so that I can accurately track payments and determine how much fees are remaining for each student.
- As admin, I want to be able to log out of the student portal, so that I can secure my account and ensure privacy.

---

As an user of the College Operations Management System app, I want to be able to:

- As a student, I want to enter my email, password, and personal details to register myself in the institute, submit my email address in contact info for

registration confirmation and user ID, and use my username and credentials to successfully log in to the system, so that I can access the institute's resources and services.

- As a user who has forgotten my password, I want to be able to reset my password easily, so that I can regain access to my account.
- As a user who has forgotten the password, or as a student wanting to maintain the security of the account, I want to be able to reset or change my password easily, so that I can regain access to my account and ensure its security.
- As a student I want to be able to edit my personal details, so that I can keep my account information up-to-date.
- As a student, I want to be able to apply for leave when necessary, so that I can manage my absences from school effectively.
- As a student, I want to be able to view my attendance percentage, So that I can monitor my attendance and track my academic progress.
- As a student, I want to be able to view details of assigned homework and submit completed assignments, so that I can manage my coursework effectively.
- As an admin (teacher), I want to be able to approve or reject leave requests from students, so that I can effectively manage student absences from school.
- As a student, I want to be able to check whether any dues are pending against me and pay my semester fee, so that I can ensure timely payment, avoid any late fees, complete the registration process, and continue my studies without interruption.
- As a student, I want to be able to pay any library fines, so that I can clear my account and continue to borrow books from the library.
- As a student, I want to be able to access my class schedule or timetable, so that I can attend my classes and manage my time effectively.
- As a student, I want to be able to access my examination results or class assessments, so that I can track my academic performance and identify areas for improvement.
- As a student, I want to be able to access the examination seating plan, so that I can prepare for exams and know my assigned seat easily.
- As a student, I want to be able to view the list of teachers associated with my courses, so that I can easily contact them for academic queries or assistance.

- As a student, I want to be able to access course materials such as lecture notes, presentations, and readings, so that I can study and prepare for my classes effectively.
- As a student, I want to be able to view announcements and important notices from the school or teachers, so that I can stay informed about events, deadlines, and other relevant information.
- As a student, I want to be able to access detailed information about each of my courses, so that I can understand course requirements, objectives, and expectations.
- As a student, I want to be able to log out of the student portal, so that I can secure my account and ensure privacy.