College app idea

Features:

1. Attendance
2. Tells which class is there set reminder.
3. If committee is joined committee updates ( like meet is there etc)
4. Seva satva and hsse reminders
5. CGPA calculator
6. To do list
7. Upcoming events (TPO announcements, hackathons etc)
8. Pic of the day gallery

**1. User Flow**

**User Login/Sign Up:**

* **Login Screen:**
  + Fields: Email/Username, Password
  + Buttons: Login, Forgot Password, Sign Up
* **Sign Up Screen:**
  + Fields: Full Name, Email, Password, Confirm Password
  + Buttons: Sign Up, Back to Login
* **Forgot Password:**
  + Fields: Email
  + Buttons: Send Reset Link, Back to Login

**Post-Login:**

1. **Welcome Screen/Dashboard:**
   * Displays a summary of today’s classes, events, and reminders.
   * Quick access buttons: Attendance, To-Do List, Upcoming Events.

**2. Navigation Bar (Navbar)**

**Navigation Bar Sections:**

* **Home:** Leads to the Dashboard/Welcome Screen.
* **Classes:**
  + Displays today’s classes and attendance history.
  + Allows setting reminders for classes.
* **Committees:**
  + Displays joined committees and their updates (meetings, announcements).
* **Reminders:**
  + Separate sections for Seva Satva and HSSE reminders.
* **CGPA Calculator:**
  + Interface for inputting grades and calculating CGPA.
* **To-Do List:**
  + Manage tasks and deadlines.
* **Events:**
  + Lists upcoming events (TPO announcements, hackathons, etc.).
* **Gallery:**
  + Displays the Pic of the Day.
* **Profile:**
  + User profile settings, logout option.

**3. Detailed Flow for Each Feature**

**Classes Section:**

* **Today’s Classes:**
  + List of classes for the day with times and locations.
* **Attendance History:**
  + View attendance record.
* **Set Reminders:**
  + Option to set reminders for each class.

**Committees Section:**

* **Joined Committees:**
  + List of committees user is part of.
* **Committee Updates:**
  + Latest updates, meetings, and announcements from each committee.

**Reminders Section:**

* **Seva Satva Reminders:**
  + List of Seva Satva reminders.
* **HSSE Reminders:**
  + List of HSSE reminders.

**CGPA Calculator Section:**

* **Input Grades:**
  + Fields to input grades for each subject.
* **Calculate CGPA:**
  + Button to calculate and display CGPA.

**To-Do List Section:**

* **Manage Tasks:**
  + Add, edit, delete tasks.
  + Mark tasks as completed.

**Events Section:**

* **Upcoming Events:**
  + List of upcoming events with details.
* **Event Details:**
  + Detailed view of each event.

**Gallery Section:**

* **Pic of the Day:**
  + Display the picture of the day.

**Profile Section:**

* **User Profile:**
  + View and edit user information.
* **Logout:**
  + Logout button.

**4. User Interactions**

* **Notifications:**
  + Push notifications for reminders, updates, and new events.
* **Search Functionality:**
  + Search bar for quick access to classes, committees, and events.

**5. Admin Panel (Optional)**

* **Admin Login:**
  + Separate login for administrators.
* **Manage Users:**
  + Add, edit, delete user accounts.
* **Manage Content:**
  + Update Pic of the Day, upcoming events, etc.
* **Analytics:**
  + View app usage statistics, user engagement metrics.

This flow should help you in organizing the app and website structure. Each section can be expanded with more detailed features and user interactions as needed.