1. **User Management:**
   * Define user roles and permissions for administrators, teachers, students, and parents.
   * Implement user authentication and access controls to ensure data security.
2. **Student Information:**
   * Capture and store student information, including personal details, contact information, and emergency contacts.
   * Record academic history, attendance, and behavior records.
3. **Class and Subject Management:**
   * Manage classes, subjects, and the association between them.
   * Create a schedule for classes, including details about teachers, rooms, and timings.
4. **Attendance Tracking:**
   * Implement a system to record and track student attendance.
   * Allow teachers to mark attendance manually or integrate with attendance tracking devices.
5. **Grading and Assessments:**
   * Define a grading system and record student grades for various assessments and exams.
   * Calculate overall academic performance and generate transcripts.
6. **Communication and Collaboration:**
   * Enable communication between teachers, students, and parents.
   * Implement announcements, messaging, and discussion forums.
7. **Enrollment and Admissions:**
   * Manage the student enrollment process, including application forms and admission records.
   * Generate enrollment reports and track the admissions pipeline.
8. **Financial Management:**
   * Record and manage fee structures, payments, and financial transactions.
   * Generate invoices and receipts for tuition fees and other charges.
9. **Scheduling and Timetables:**
   * Create and manage class schedules and timetables.
   * Allow for easy adjustments and updates to accommodate changes in the academic calendar.
10. **Reporting and Analytics:**
    * Implement reporting tools to generate custom reports on student performance, attendance, and other metrics.
    * Provide analytics dashboards for administrators to gain insights into school operations.
11. **Integration with External Systems:**
    * Integrate the school management system with other relevant systems such as learning management systems, finance systems, or third-party applications.
12. **Mobile Access:**
    * Ensure that the application is accessible on mobile devices, either through a responsive web design or a dedicated mobile app.
13. **Security and Compliance:**
    * Implement security measures to protect sensitive student and school data.
    * Ensure compliance with data protection regulations in the education sector.
14. **Workflow Automation:**
    * Use workflows to automate repetitive tasks, such as enrollment processes, grading calculations, and communication workflows.
15. **Customization and Extensibility:**
    * Design the system to be easily customizable to accommodate future changes and additional features.
    * Allow for the addition of custom fields, objects, and processes based on evolving requirements.
16. **User Training and Support:**
    * Provide documentation and training resources for users.
    * Establish a support system for addressing user queries and issues.
17. **Feedback and Iteration:**
    * Implement a feedback mechanism to collect input from users and stakeholders.
    * Plan for regular reviews and iterations to enhance the system based on user feedback and changing requirements.