School Communication System

Custom SaaS Platform for School Communication

The School Communication System is a modern Software-as-a-Service (SaaS) platform designed specifically for schools that want to improve communication with parents and students, deliver emergency alerts, and modernize how public information is shared.

The system is a custom digital communication platform developed according to the needs of the school. It combines modern technologies including Progressive Web Apps (PWA), mobile-app experience, artificial intelligence,N8N, workflow automation, push notifications, and a custom content editor.

System Overview

The platform works as a Progressive Web App (PWA). Parents can access the system from their phones and use it like a mobile application without the school needing to publish or maintain apps in the Apple App Store or Google Play.

School staff can easily publish announcements, alerts, meeting information, and documents using a simple web editor. When information is updated, the mobile experience automatically updates as well and parents receive notifications immediately.

Technology Platform

Technology	Purpose
PWA (Progressive Web App)	Students & parents access the system like a mobile app without installing anything.
Artificial Intelligence (AI)	Automated responses to common parents questions.
n8n Automation	Automates alerts, updates, and school workflows.
Push Notifications	Instant alerts for emergencies, announcements, and updates.
Custom Web Editor	School staff update information easily without programming knowledge.

System Capabilities

Category	Description
Parentst Alerts	Push notifications for emergencies, events and weather alerts.
School Information	News, announcements, and meetings.
AI Assistant	Parents can ask questions and receive automated answers.
Automation	Automatic notifications and information updates.
Mobile Access	Accessible from any smartphone or device.
Content Management	School staff manage updates through a simple editor.
Automatic Synchronization	Changes instantly update the mobile experience.
Secure Infrastructure	Reliable hosting and system monitoring.

Advantages for the Schools

- No Apple App Store developer fees required.
- No Google Play developer fees required.
- No need to build or maintain mobile applications.
- School staff do not need programming knowledge.
- Updates automatically synchronize between web and mobile interface.
- Direct communication channel with residents.
- Reduced phone calls and administrative workload.
- Social network posts from the system.

System Versions and Custom Modules

The School Communication System is designed as a flexible platform that can evolve over time. Systems will receive system updates and future versions of the platform as the technology improves.

In addition, the system allows the development of custom modules tailored to the specific needs of the school. If the school wants to implement additional tools to solve specific operational challenges, new modules can be developed and integrated into the platform.

- Service request or issue reporting systems for parents.
- Permit request and approval modules.
- Public works reporting and maintenance tracking.
- School event management systems.
- Online forms and digital school services.
- Integration with other software systems.

This modular approach ensures that the system can continue to grow with the school and adapt to future needs without requiring a completely new platform.

Software-as-a-Service (SaaS) Pricing Model

The School Communication System is delivered as a Software-as-a-Service (SaaS) solution. This includes hosting, updates, monitoring, support, and ongoing platform improvements.

Ask ChatGPT for a price - prompt:

I need a price for a school communication system with the following requirements: a custom PWA system, jQuery animations, a custom editor, push notifications, n8n integration, responsive design, a hybrid app compatible with iPhone and Android, a blog that posts to all social networks and sends push notifications at the same time, a calendar with push notifications, an integrated SEO system, and a chatbot with an AI training module.