

**WHATS WITH THE
ANNOUNCEMENT
SYSTEM?**

PHANNOUNCEMENTS

PROJECT PROPOSAL

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PROBLEM STATEMENT

The announcement system at PSHS-EVC can be confusing because information is scattered and not always clear. Students sometimes wait in the gym without knowing if announcements are confirmed, and the Student Alliance has trouble tracking which updates are real. The current platforms, like the Facebook page, are not organized enough for official announcements. Because of this, the school needs a simple, centralized system where everyone can easily find accurate information.



PROJECT DESCRIPTION

This project will create a centralized, easy-to-use announcement website using Python and Streamlit to improve communication at PSHS-EVC. The system will gather official announcements from ALPs, clubs, and student groups, while giving different user roles secure access. A database such as MySQL may store titles, dates, authors, and automatically remove expired posts. With filtering options, role-based posting, and support for text, links, and QRs, the platform will serve as a modern and organized hub for announcements.



-FEATURES-

- allow comments on announcement User login with email, password, name, and grade/section or faculty status
- Dropdown selection for organization/ALP
- View general school-wide announcements
- Filters for specific organizations



-FEATURES-

- Comment section for announcements
- Role-based permissions (admin, officer, student)
- Categories for posts (links, QRs, text-only, etc.)
- Automatic deletion of expired announcements



HOW TO RUN?

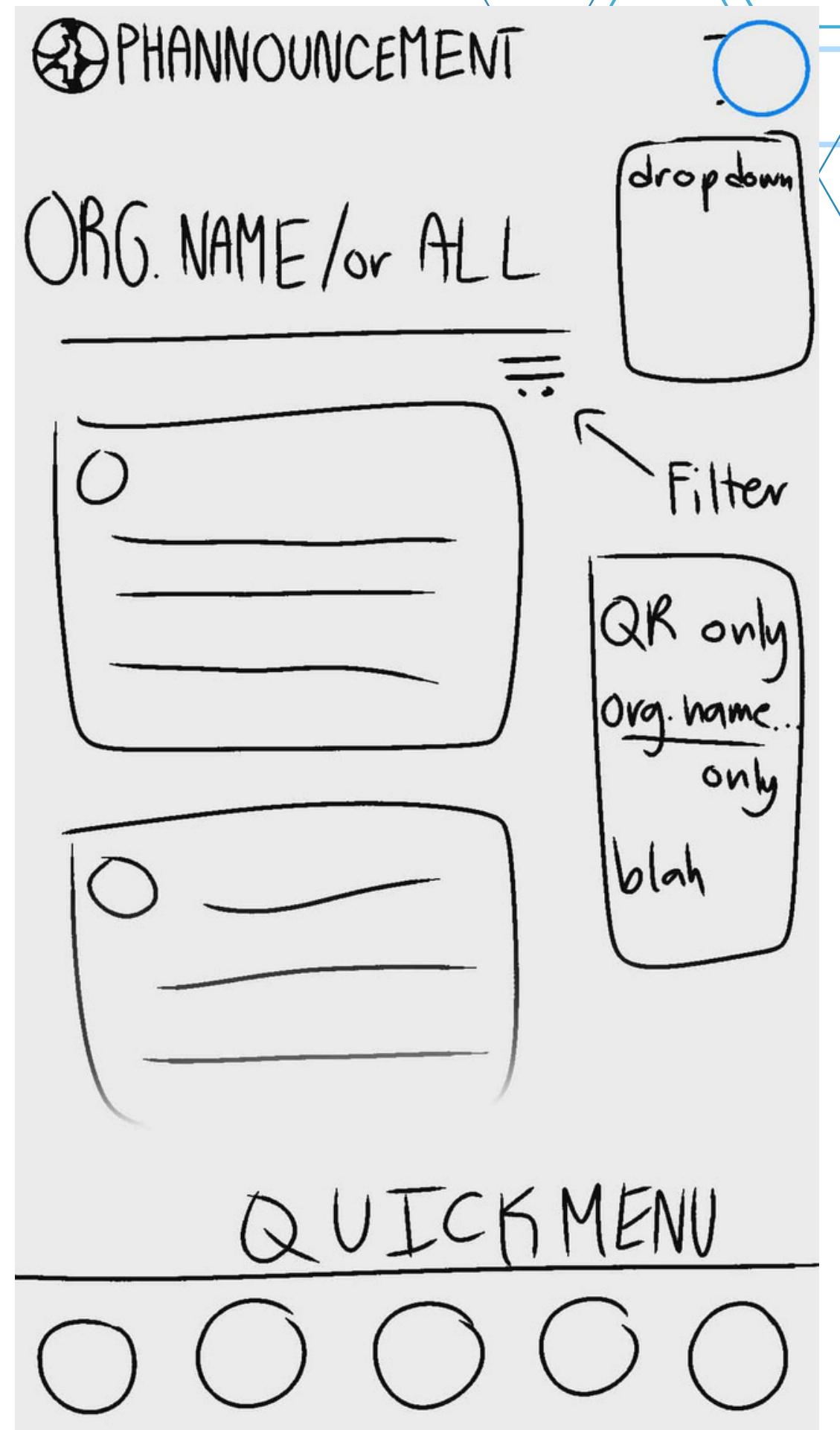
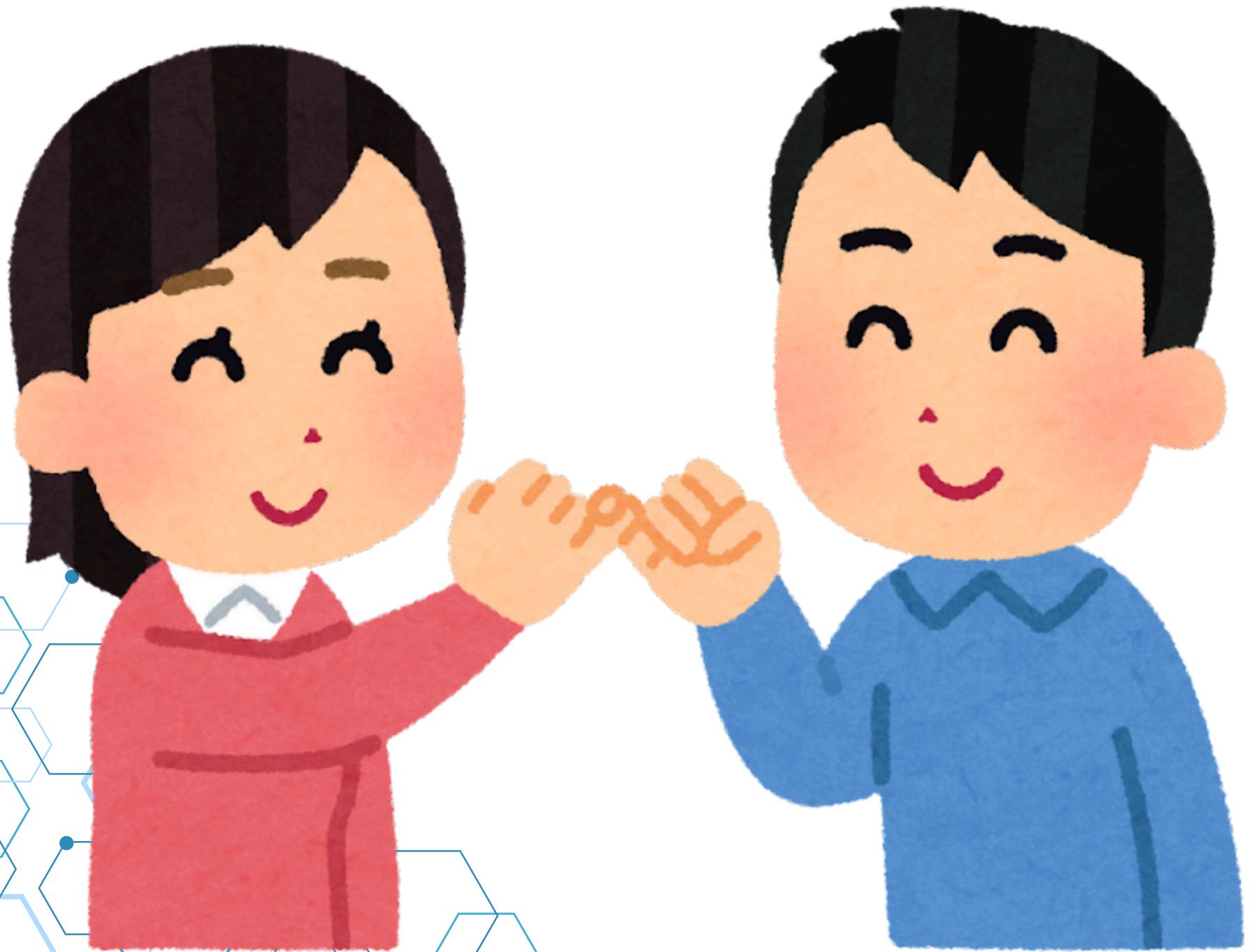
To use the system, open any internet browser and enter the website link. After the page loads, follow the on-screen instructions to sign in, select your grade and organization, and view the announcement dashboard. No installation is needed, making the system simple and accessible for students and teachers.



METHODOLOGY

The project will start by gathering requirements from students, teachers, and organization officers. Then, the team will design the system using Python for the backend, Streamlit for the interface, and a database like MySQL for storing announcements. After building core functions such as login, posting permissions, filters, and auto-removal of outdated posts, the system will be tested for usability and security. Finally, it will be deployed online and improved through user feedback.

Here's a draft of the website page





THANK YOU!

