CS2 PROJECT DRAFT

TITLE:

•PSHS Public Announcement System•

PROBLEM STATEMENT:

The current announcement system at PSHS-EVC at times causes inconvenience and confusion. Students have to stay in the gym for long periods of time, and the Student Alliance (SA) sometimes struggles to track which announcements are actually happening. While the EVC Direct Facebook page exists, it doesn't serve too well in organized official announcements. To solve this, the proponents, propose creating a clean and reliable website that collects confirmed announcements from all Academic Learning Programs (ALP), organizations, and student bodies. This system aims to make announcements clearer, faster to access, and easier to manage.

The website will be made using Python, a programming language used to create software and websites, and Streamlit, a tool for making simple web browser apps using Python, installed through pip, which is a program that helps add tools such as Streamlit itself. It may use a database like MySQL which can be used to store announcement details like title, content, date, and author, though that is subject to change. Announcements will automatically be removed after their set date. Posting access will depend on user roles—administrators can manage all posts, club or organization officers can post in their groups, and students can only view. The goal of this project is to make a centralized, secure, and easy-to-use announcement system that saves time and prevents confusion.