

## Project Proposal

### 1. Project Title

#### **GC Pulse: Organization, Council, & OSWS Updates**

### 2. Team Members

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### 3. Project Description

This web-based platform allows organizations to create, manage, and publish announcements, events, and updates. It provides an easy to use interface for organizations to share important information with members, students, or the public. Users can view and engage with posts while organizations can manage content efficiently. Aside from connecting with the public, this platform can help the council and organizations to set an appointment with the OSWS to be able to have a seamless transaction in submitting their paper works.

### 4. Objectives

**- To develop a centralized web platform** that facilitates the posting and dissemination of organization, council, and OSWS-related announcements.

**- To implement a role-based access system** where administrators, organization leaders, and OSWS coordinators can post relevant information.

**- To enhance student engagement and awareness** by providing easy access to official updates, appointments, and work-study opportunities.

**- To provide a user-friendly and responsive interface** that allows students to navigate and retrieve information efficiently.

**- To generate reports and analytics** for administrators to track engagement and posting effectiveness.

### 5. Scope

- We aim for users to be able to search posts by keywords, category, or date.

- We aim for organizations and councils to see their own active graph in posting and interacting with other students and faculty.

- We aim to develop a secured web page ensuring only authorized users can post or edit content

- We aim to enable users to be able to comment or like posts
- We aim for users to receive notifications for new posts or updates
- We aim for organizations have the ability to schedule posts for future publications
- We aim for organizations and councils to have their own free will to put up their letters and pass it according to OSWS.
- We aim for public posts to be categorized as events, announcements, and news
- We aim for organizations to able to create, edit, and delete posts
- We aim to promote a direct appointment setting between any organization or council with the OSWS.

Limitations:

### **Technical Limitations:**

1. **Graph Accuracy and Real-Time Updates** – The analytics for organizations and councils may experience slight delays in reflecting the most recent interactions and postings.
2. **Security Constraints** – While access control will be implemented, there is always a risk of unauthorized attempts, requiring constant security updates.
3. **Notification Delivery** – Real-time notifications may depend on users' device settings and browser permissions, which could cause delays.
4. **Post Scheduling Limitations** – Organizations and councils may only schedule posts within a specific timeframe to prevent excessive future-dated content.

### **User-Based Limitations:**

6. **Limited Interaction Moderation** – While users can comment or like posts, the system may not have an advanced content moderation feature to filter inappropriate comments in real-time.
7. **Access Control for Editing & Deleting Posts** – Only authorized users within an organization can edit or delete their own posts, preventing open contributions from external users.
8. **Manual Approval for OSWS Appointments** – Direct appointment setting with OSWS may still require manual confirmation, leading to possible delays.
9. **Content Control for Public Posts** – While categorized under events, announcements, and news, public posts may require admin review before being visible.

### **Operational Limitations:**

10. **Dependency on User Engagement** – If organizations and councils do not actively use the platform, the analytics and engagement insights may not provide valuable data.
11. **Letter Submission Process** – While organizations can freely submit letters and pass them to OSWS, approvals may still be subject to administrative processing time.
12. **Customization Restrictions** – Organizations may not have complete freedom over the design or structure of their posts beyond basic formatting options.

## 6. Expected Output:

### User Dashboard and Interface:

- A homepage that will show or display categorized elements for posts: Events, Announcements, and News.
- A search bar where users can find posts by using keywords, categories, or date.
- A push notification for users about new posts, updates, or interactions.
- A responsive and user-friendly interface for easy access.

### Post Interaction and Engagement:

- Users can like and comment on posts.

### Organization and Council Features:

- A posting system that allows organizations and councils to create, edit, schedule, and delete posts.
- An analytics dashboard that displays active graphs of posts and engagement metrics for likes, comments, and views.
- A letter submission system for organizations to send official communications to OSWS.
- A direct appointment setting feature for scheduling appointments.

### Backend and System Management:

- A database that stores posts, user accounts, and activity logs.
- A filtering system allowing users to browse posts based on specific categories or keywords.
- A scheduled post system where organizations can set a future publication date.

## 7. Timeline (Gantt Chart)

| Task | Start Date | End Date |

Requirement Gathering	03/11/2025	03/25/2025
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Design	03/11/2025	03/25/2025
Implementation	03/25/2025	05/18/2025
Testing	05/18/2025	05/25/2025
Deployment	05/26/2025	05/31/2025

## 8. Tools & Technologies

-PHP            -JAVASCRIPT            -MYSQL  
 -HTML            -CSS