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**“SK MaduyAssist”: A Web-Based platform**

**For Youth Engagement and Community**

**Development**

**A Project Proposal  
 Presented to Web Systems   
and Techonologies**

**In Partial Fulfilment**

**Of the Requirements for**

**Web System and Technologies**

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**1.1 Project Context**

In every community, young people have the potential to drive change, but many struggle to find the right platforms to voice their ideas, participate in programs, or stay informed about local initiatives. The Sangguniang Kabataan (SK) plays a vital role in youth development, yet outdated processes, limited accessibility, and communication gaps often make it difficult toengage the youth effectively. That’s where SK MaduyAssist comes in—a web-based platform designed to bridge the gap between the SK and the young members of the community. With easy access to announcements, volunteer opportunities, event updates, and feedback channels, this platform makes youth participation more convenient and meaningful. It’s not just a website; it’s a digital space where young people can connect, collaborate, and contribute to the betterment of their community. By embracing technology, SK MaduyAssist empowers the youth to take an active role in shaping their future, ensuring that their voices are heard and their contributions make a real impact. This is more than just engagement—it’s about building a stronger, more connected, and youth-driven community.

* 1. **Purpose and Description of the project**

By offering a web-based platform that improves adolescent engagement, expedites communication, and enables effective project management, SK MaduyAssist seeks to address these issues. SK programming, announcements, volunteer opportunities, and community involvement initiatives will all be centrally located on this portal. In order to guarantee accountability and transparency, it will also have interactive features like event monitoring, feedback systems, and digital documentation. Through the use of digital technology, SK MaduyAssist will encourage cooperation among stakeholders, enable young people to participate actively in their communities, and advance sustainable development through more inclusive and efficient governance.

**1.3 Objectives of the study**

1.3.1 General Problem

Sangguniang Kabataan (SK) struggles with manual processes in project management, event announcements, and scholarship applications. This results in delays, difficulty in tracking activities, and lack of transparency. A web-based system is needed to streamline these tasks, ensuring efficiency and accountability.

1.3.2 Specific Problem

* How can the system allow SK members to upload and share project receipts and financial reports easily?
* How can a platform be provided for announcing and displaying past and   
  upcoming SK events to the community?
* How can an efficient online scholarship application system be created to ensure all submitted documents are securely stored?
* How can user engagement be encouraged to maximize participation in SK events and initiatives?

1.3.3 General Objectives

This study aims to develop SK MaduyAssist, a web-based platform for managing SK projects, events, and scholarships. The system enhances transparency, accessibility, and security through digital document uploads, event announcements, and application processing.

1.3.4 Specific Objectives

* The system will provide a structured upload feature that allows SK members to submit project receipts and financial reports with restricted access. Uploaded documents will be stored in an organized database and can be accessed only by authorized personnel, ensuring transparency and accountability.
* An event management module will be developed, enabling SK officers to create, update, and display past and upcoming SK events. The platform will include filtering options for users to view event details based on categories, dates, and locations.
* The online scholarship application system will incorporate data storage, user authentication, and role-based access control. Applicants can submit documents securely, while SK officials can efficiently review and verify applications through a structured interface.
* The system will include comment section that will be available for discussions, allowing users to share insights, ask questions, and interact with SK officers and fellow members. Also, a feedback form will be integrated, enabling users to express their opinions about events, programs, and platform features. This will help SK officials gather valuable input to improve community initiatives.

**1.4 Scope and Limitation**

1.4.1 Scope

* Allows SK members to upload and share financial reports and project receipts to ensure accountability to the community by providing a secure upload system with restricted access, enabling only authorized personnel to manage and review financial documents.
* Provides a platform for SK officers to announce and display past and upcoming events for the community by offering a centralized event management system where details such as event descriptions, dates, and locations can be updated and accessed easily.
* Enables applicants to submit scholarship applications and required documents securely by implementing encrypted data transmission, user authentication, and role-based access control to ensure only authorized SK officials can review submissions.
* The comment section will allow users to participate in discussions, share insights, and ask questions regarding SK initiatives, while a feedback form will enable them to submit opinions and suggestions about events, programs, and platform features.

1.4.2 Limitations

While the system aims to enhance community engagement through discussions and feedback collection, certain functionalities will not be included due to technical constraints and project scope. These limitations include:

* Discussions will be limited to the comment section, as real-time messaging or live chat will not be available.
* The feedback form will allow users to submit opinions and suggestions, but it will not provide automated responses or track issue resolutions. SK officials must manually review and address submissions.
* Moderation of comments and feedback will be handled manually by SK officers, as the system does not include AI-based filtering or automated spam detection.
* Users can only post text-based discussions in the comment section, as multimedia uploads such as images, videos, or attachments will not be supported.
* The platform will only be accessible via a web browser, as there will be no dedicated mobile application.
* Users will not receive automated notifications for new comments or feedback, requiring them to check the platform manually for updates.
* Account registration will be required to submit feedback or participate in discussions, which may discourage some users from sharing honest opinions.