

**“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 The Sangguniang Kabataan (SK) plays a vital role in youth development, yet outdated processes, limited accessibility, and communication gaps often make it difficult toengage the youth effectively.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

Youth organizations, especially Sangguniang Kabataan (SK), face challenges in managing projects, announcing events, and handling scholarship applications efficiently. Many processes are still done manually, leading to delays, difficulty in tracking activities, and lack of transparency. The challenge is to develop a web-based system that can address these issues by providing a digital solution for project reports, event announcements, and scholarship applications.

1.3.2 Specific Problem

* **Project Transparency:** How can the system allow SK members to upload and share project receipts and financial reports easily?
* **Event Management:** How can we provide a platform for announcing and displaying past and upcoming SK events to the community?
* **User Accessibility:** How can we make sure that the system is user-friendly and easy for youth members and the public to navigate?
* **Scholarship Application Process:** How can we create an efficient online scholarship application system that ensures all submitted documents are securely stored?
* **Data Security:** How can we protect user data and make sure that only authorized people can access confidential information?

1.3.3 General Objectives

The goal of this study is to design and develop **SK MaduyAssist**, a web-based platform that will help SK members and the youth community manage projects, events, and scholarships more effectively. The system aims to improve transparency, accessibility, and security by offering a digital solution for document uploads, event announcements, and application processing.

1.3.4 Specific Objectives

* **To develop a Transparency Feature** that allows SK members to upload and share receipts and financial reports for better accountability.
* **To create an Event Management System** where SK officers can announce and display upcoming and completed projects or events for the community.
* **To design a User-Friendly Interface** that ensures easy access for the public to view announcements, updates, and important information.
* **To build an Online Scholarship Application Portal** that allows youth members to submit their applications and required documents securely.

**1.4 Scope and Limitation**

1.4.1 Scope

* **Transparency Features** for uploading project reports and receipts.
* **Event Management** for announcing and displaying upcoming and past SK projects.
* **User Accounts** for SK members and youth who wish to access the platform.
* **Scholarship Application Portal** where applicants can submit documents online.
* **Data Security Measures** to protect user information and ensure safe storage of details.

1.4.2 Limitations

* The system will rely on user compliance, meaning SK officials must consistently upload financial reports for transparency to be effective.
* While the platform provides an event management feature, it does not include real-time notifications or SMS reminders for users.
* The scholarship application portal allows online submission, but verification must still be done manually by SK officials.
* The platform focuses on web access only and does not include a mobile app version at this stage.
* Security measures will be implemented, but data breaches due to user negligence (e.g., weak passwords) are beyond the system’s control.

**1.5 Review of Related Literature**

**Overview of the Subject**

Using the internet to help young people join community activities is becoming more common. Many groups and local governments now use websites to share news, organize events, and connect with the youth. This review looks at studies and systems related to SK MaduyAssist, showing how they help improve youth participation, project transparency, and easy access to opportunities.

**Related Studies**

**Digital Platforms for Youth Engagement**

Studies show that online systems help young people become more active in their communities. Putnam (2000) explains that digital platforms encourage civic engagement by giving the youth more chances to get involved. Similarly, Bennett, Wells, & Freelon (2011) found that the internet gives young people a voice in governance. These ideas support the need for SK MaduyAssist as an online tool to help youth participate more easily in community activities.

**Transparency in Community Projects**

Being open about community projects builds trust. Fung, Graham, & Weil (2007) explain that when local governments share financial records online, people trust them more. Bertot, Jaeger, & Grimes (2010) also say that using digital systems helps reduce corruption. This is why SK MaduyAssist includes a feature where SK officials can upload receipts and reports to make financial transactions clear to everyone.

**Event Management Systems**

Online event planning tools make it easier for people to join activities. Preece & Maloney-Krichmar (2003) studied online communities and found that posting event updates on websites encourages more participation. With SK MaduyAssist, SK officers can inform the youth about upcoming events, ensuring they stay updated and involved.

**Online Scholarship Applications**

Using websites for scholarship applications saves time and makes the process smoother. Lee & Zhang (2018) found that universities using online systems for scholarships processed applications faster and kept student records safer. However, manual verification was still needed, which is also the case for SK MaduyAssist. The system allows applicants to submit documents online, but SK officials must check and approve them manually.

**Related Systems**

**Foreign Systems**

1. **Youth.gov (USA)** - A government website that provides youth programs, funding options, and helpful resources. Like SK MaduyAssist, it helps young people find ways to participate in their communities.
2. **Volunteermatch.org** - A platform that connects volunteers with organizations. It is similar to SK MaduyAssist’s volunteer feature, where young people can register for community projects.

**Local Systems**

1. **Sangguniang Kabataan Information System (Philippines)** - A digital tool for SK units to manage records, events, and projects. While it is similar to SK MaduyAssist, it does not have a scholarship application feature.
2. **Iskolar ng Bayan Portal (Philippines)** - A system for handling scholarship applications online. Unlike SK MaduyAssist, it does not provide event announcements or financial transparency features.

**Conclusion and Synthesis**

The studies and systems reviewed show that digital platforms make youth engagement easier and improve transparency in governance. Many existing systems help in managing events, financial records, and scholarship applications, but most of them do not combine all these features into one platform. SK MaduyAssist fills this gap by offering a complete solution that helps SK officials and youth members work together more effectively.

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