



**VSU EXTENSION PROJECT  
ANNUAL ACCOMPLISHMENT REPORT**

**CY 2023**

**I. Basic Information**

1. Program/Project Title: **MAGPANGUAPA 2.0: Digitizing Community Monitoring in the Barangays for Data-Driven Governance and Development (Project DigiMon)**
2. Program/Project Leader: Merry Jean A. Caparas
3. Project Component (s): NA  
Staff Involved: NONE
4. Implementing Unit: Institute for Strategic Research and Development Studies
5. Cooperating Agencies: ViSERDAC
6. Program/Project Sites: MAGPANGUAPA Barangays
7. Duration: Budget allocation for 1 year
  - a. Date Started: March 3, 2023
  - b. Expected date of completion: on-going
8. Financial report for the year under review
  - a. Total approved budget: Php 80,000
  - b. Actual released budget: Php 80,000
  - c. External support or counterpart funds from cooperating agencies: NONE
  - d. Actual expenditures: Php 70,225

**II. Technical Report** (not more than 25 pages including the tables and charts)

**A. Executive Summary** (1 to 2 pages only)

The Visayas State University remains a significant force in driving change and societal progress through its educational, research, and outreach endeavors. However, challenges persist, including inadequate problem definition and limited stakeholder involvement in planned interventions. Leveraging data-driven approaches like the Community-Based Monitoring System (CBMS) and Barangay Management Information System (BMIS) is essential to combat this.

While these systems hold promise, their full potential remains to be tapped due to user proficiency, data protection compliance, and technical limitations. Consequently, this project seeks to address these gaps by comprehensively assessing current situations, enabling community leaders to maximize these data management tools. By enhancing technical skills, data processing, analysis, and integrating insights into planning, the project aims to empower communities in addressing diverse issues in education, health, environment, and socioeconomics. Building on the "MAGPANGUAPA" project's successes, this initiative aims to develop capacities within barangays for holistic growth and progress sustainably.

In 2023, the initial year of the project implementation, training on digital data collection was conducted. It was attended by barangay captains, councilors, secretaries, and community representatives from Pangasugan and Guadalupe. The training aims to introduce efficient data collection methods and a costless server for data storage. The project also facilitated the Local Candidates forum for the barangay Pangasugan, Marcos, and Patag during the election campaign. This activity allowed the candidates and barangay constituents to discuss significant issues. Furthermore, this resulted in the

conduct of Participatory Extension Planning to tailor the activities of the MAGPANGUAPA project to the most critical concerns in the barangay. Using the BMIS data, barangay councils identified problems requiring immediate attention, conducted root cause analysis, and pointed out how best the MAGPANGUAPA project can help.

The MAGPANGUAPA project will continue developing community dashboards for data analytics, utilizing their BMIS while incorporating activities that will address the identified barangay problems, including waste and water management. Likewise, the project will ensure community involvement in the planning processes to strengthen participation, empower communities, and give them a sense of ownership of the project.

## B. Rationale

The Visayas State University through its instruction, research, and extension functions continues to uphold its excellence and relevance as a major agent of change and social transformation. It persists to generate knowledge, innovate methods and technologies and create impact to enhance the status quo of communities, particularly in its immediate neighborhood. This process however is not exempted to challenges posed by different factors, one of which is poor identification and definition of problems and limited participation of stakeholders in the conceptualization of planned interventions. Furthermore, if there is participation, actual sustained involvement remains a challenge.

Improving local governance through data driven development and monitoring has been seen as a solution to improve the situation. This constitutes building a database and monitoring system that allows community leaders to make optimal and evidence-based decisions in all aspects at the community level. In this context, there are nationally mandated information systems that are launched, operationalized and used by community leaders to influence development by using data to support planning and other purposes. Constitutionally, the Community Based Monitoring System (CBMS) and the Barangay Management Information System (BMIS), are the two (2) most prominent database and monitoring systems that are used for this purpose. However, utilization of these tools including stored information are not maximized due to numerous factors. These include digital incompetence of users, adherence to data protection policies, physical/equipment requirements, technical knowledge on the functions/features of the monitoring tools for generating insights and visualization among others. These are just some areas from the pool of problems faced in the implementation and utilization of these tools, which resulted in poor overall planning at the community level in addressing the problems related to education, health, environment, socio-economic and other aspects of the community.

This project aims to address and bridge these gaps that have existed since the start of the implementation of the usage of those aforementioned monitoring tools. Initially, this project will investigate the status quo and will identify the problems thoroughly in order to better understand the different situation of each of the communities involved. Ideally, this project will guide and help the community leaders in maximizing the use of those monitoring tools—from the technical aspects to data gathering, processing, analysis, visualization, presentation, and integration of the insights and derived conclusions to their overall planning process to address the various community issues. Further, this project will build from the experiences of the “MAGPANGUAPA” project in building capacities of barangay people and institutions for the sustainability of these efforts for their holistic development.

## C. Logical Framework

Project Description	Objectively Verifiable Indicators	Means of Verification	Assumptions
<b>Goal</b>  More participatory and data driven development and local governance in the barangays	Increased incorporation of insights in sectoral plans and annual investment plans	Administrative reports by barangay units	Adoption and utilization of DigiMon dashboards by barangays
<b>Purpose</b>  Develop a more participatory and effective community monitoring tool for development	Increased participation of community members in decision making	DigiMon deployed adopted and utilized by barangay LGUs	Cooperation of the community members, barangay officials and other people concerned  Tools are developed as designed and planned
<b>Outputs</b>  1. MOA for new linkage and strengthened ties with barangays and LGUs  2. Dashboards and printed outputs  3. Trained stakeholders	Number of linkage renewed and new linkage  Number of dashboards and printed outputs produced Number of community members in the barangay trained	MOA signed Board resolutions  Digital output (DigiMon Dashboards) Printed output Attendance sheets Evaluation forms.  Training documentation	Availability of required data;  Cooperation of the community members and LGUs concerned; and Availability of accessible and efficient venue for the participating body

## D. Methodologies Employed

### Preliminaries

- Project orientation at the LGU and barangays
- MOA signing

### Dashboard development

- Co-creation of community monitoring tool (dashboard) with stakeholders.

### Capacity Development (Strengthening the capacity of barangay)

- Capacity development of interested stakeholders, mostly BMIS users on data management and analytics.

## E. Results/Accomplishments

- Conducted training on digital data collection for MAGPANGUAPA barangays. This activity targeted barangay leaders and their secretaries to ease their work in conducting manual barangay surveys and to expose them to an accessible data server for their utilization.
- Assisted in conducting the Candidates Forum during the barangay Pangasugan, Marcos, and Patag election campaign. The activity allowed prospective barangay leaders and their constituents to raise and discuss issues and concerns in their barangay diplomatically. Likewise, the MAGPANGUAPA project was exposed to more significant problems in the barangay that need prompt attention, along with database management for data-driven planning.
- Organized the participatory extension planning for MAGPANGUAPA barangays. This activity encouraged the barangay officials to identify priority problems in their respective jurisdictions that require immediate extension support from the MAGPANGUAPA project. To ensure data-base planning, the data from the Barangay Management Information System (BMIS) was utilized.

## F. Problems Met and Recommendations

Some of the barangays involved in MAGPANGUAPA are not responsive. It could be because they were not involved in developing the project proposal; thus, the significant problems of the barangays needed to be addressed. Before the end of 2023, the MAGPANGUAPA barangays were invited to ISRDS for participatory action planning; the barangay councils of Guadalupe, Marcos, and Pangasugan attended this. The result of the planning will be incorporated into the proposal for 2024 to give the barangays their ownership of the project plans and ensure their active participation and support in the MAGPANGUAPA project initiatives.

## G. Plans and Target for the next year (if continuing program/projects)

- Utilized the data from BMIS in the formulation of barangay dashboard for database planning.
- Assist in the formulation of Barangay Integrated Development Plan.
- Revised the MAGPANGUAPA project proposal to include other components that would help address other issues and problems in the barangays that require immediate support, such as waste and water management.