**THS 102**

**Section 1392**

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**Barangay Project Monitoring System**

**Main Objective**

The main objective of this study is to develop a **Barangay Project Monitoring System** that allows barangay officials to efficiently track and manage the progress of barangay projects, generate reports on project timelines and budgets, and ensure transparency in the allocation and utilization of resources.

**Specific Objectives**

**Specifically, this study aims to:**

1. Design a user-friendly interface that allows barangay officials to efficiently input, update, and monitor project information.
2. Develop a system that tracks project progress, budget allocation, and timelines to ensure efficient project execution and completion.
3. Create a system that generates reports and visualizations to provide barangay officials with clear insights into project performance and areas for improvement.
4. Conduct user testing to evaluate the system's usability and effectiveness from the perspective of barangay officials.

**Scope and Delimitation**

**Scope**

This study is centered on the development of a Barangay Project Monitoring System that enables barangay officials to monitor, store, and report on the progress of various barangay projects. The system is designed for use on a single desktop computer located at the barangay hall, running on the Windows operating system. Its main functions include tracking project details such as progress updates, timelines, and budget allocations. Additionally, it can store detailed records on resources (e.g., specific materials and costs) and maintains a database of all past and current projects for easy reference by barangay officials.

The system will be operated by a designated barangay official, most likely a secretary, who is authorized to manage project data and update the system as projects advance.

**Delimitation**

This system is restricted to internal use by barangay officials, with no resident or public interaction involved. It does not include features for public feedback, resident voting, or external access. The system also excludes functionalities related to other barangay services, focusing strictly on project tracking and budget management. It is not designed for mobile devices or non-Windows operating systems, limiting its accessibility to the Windows desktop available at the barangay hall.