



NATIONAL COLLEGE OF SCIENCE AND TECHNOLOGY

Amafel Bldg. Aguinaldo Highway, Dasmarinas, Cavite

Computer Studies Department

**REQUEST FOR PRE-APPROVAL OF A PROPOSED SYSTEM FOR
DEVELOPMENT**

By:

Rhenzo V. Abayan
Renee Madel L. Rodelas
Raim Emman D. Vargas
Marc Aaron Tayan

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TITLE 1:

Development of ERP Software for MDB Buendia Construction Inc. with Integrated Virtual Tour

STATEMENT OF THE PROBLEM:

- Contractual personnel attendance is tracked through logbooks and photos shared in a group chat
- The accounting department relies on logbooks and photos for attendance verification
- The owner only posts updates through Facebook, which makes it difficult to manage customer communication and feedback.
- The progress of material procurement and construction is not tracked effectively, which causes further delays and mismanagement.
- There is no virtual site tour available for potential clients or stakeholders, making it difficult for them to view the construction site remotely

OBJECTIVE OF THE STUDY:

- Automate attendance tracking to reduce errors and improve efficiency.
- Create a digital system for accurate and fast attendance verification.
- Establish a centralized platform for efficient customer communication and feedback management.
- Implement a system to track material procurement and construction progress effectively.
- Develop an integrated virtual site tour feature to allow clients and stakeholders to remotely view the construction site and monitor progress.



TITLE 2:

Establishment of an E-Platform for Japan Surplus Goods in the province of Cavite

STATEMENT OF THE PROBLEM:

- The store relies heavily on live-selling events and walk-in customers, limiting its ability to run targeted promotions and discounts efficiently.
- Customers who cannot visit the store or attend live-selling sessions miss out on purchasing items.
- Customers have no easy way to browse or purchase items.
- Without a digital platform, customers have limited ways to interact with the store outside of live-selling events.

OBJECTIVES OF THE STUDY:

- Develop a user-friendly e-commerce platform that allows the store to showcase and sell products efficiently.
- Expand market reach by establishing an online presence that caters to a broader audience.
- Incorporate engagement tools such as notifications, reviews, and personalized recommendations.



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TITLE:

1. Development of ERP Software for MDB Buendia Construction Inc. with Integrated Virtual Tour
2. Development and Implementation of a ERP System for Strike Gold Realty Corporation featuring E-Commerce
3. Design and Deployment of E-Commerce Platform for Footwear and Boutique presenting 3D Simulation
4. Integration of Artificial Intelligence into School Systems with a Yearbook Portal
5. Establishment of an E-Platform for Surplus Goods Trading in the province of Cavite
6. Development of an Augmented Reality Mobile Application for Coffee Shop Name
7. Implementation of a Virtual Tour Platform for Driving Instruction Courses in the area of Cavite
8. Implementation of a Barangay Services E-Portal Platform