

# **BARANGAY MAGALLANES BUSINESS DOCUMENT MANAGEMENT SYSTEM (BMBDMS)**

**Presentation by ALVa Team**

*Alimodian, Luminarias, Valdez*



MIDTERM PRESENTATION

Applied Project 2 for CS and IT  
(MCSPROJ)



# AGENDA:

Client  
Problem  
Solution  
Objectives  
Use Case Diagram  
Demo



# CLIENT: ABMBSI, BARANGAY MAGALLANES



Mr. Tony Alcasid (white shirt), ABMBSI president, signing MoA with APC

# STATEMENT OF THE PROBLEM

1. Drawbacks of Manual Form Input Issues

2. Prolonged Processing Time

3. Data Update Disruptions

# OBJECTIVES

## General Objective:

To develop a web application that provides information about ABMBSI and extends its online business-related services for their Barangay Magallanes community in a more efficient and convenient way.

## Specific Objective:

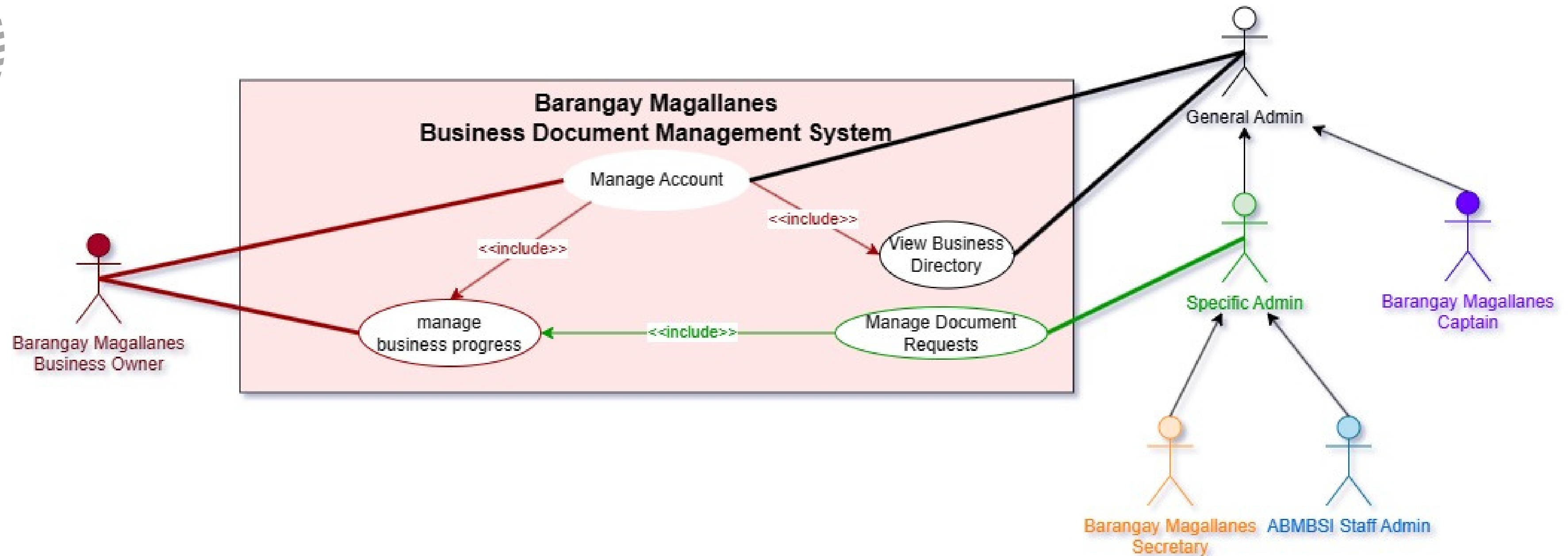
1. To develop a digital solution that improves data legibility, enhances the storage and retrieval of applicant information, thus minimizing transcription errors by at least 90%.
2. To shorten processing time by 80% and provide a new means of communication for both applicants and barangay personnel that eliminate the reliance on physical logbooks and paper forms.
3. To allow users to conveniently pay for requested documents and association joining fees by providing virtual payment channel, ensuring seamless payment processing, transaction security, and accurate record-keeping.
4. To build a reliable and resilient data management solution seamlessly synchronizes and backs up data between the local server and a secure cloud-based storage system, ensuring 90% web app uptime.



**Use Case Diagram**

Demo

# Use Case Diagram (revised finals)





Use Case Diagram

**Demo**



# THANK YOU



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