

ALUMNI MANAGEMENT SYSTEM

ABSTRACT

An alumni management system is a web-based platform to empower associations to keep in contact with their alumni. The system allows them to control and manage the information of their alumni and produce a copy of their data.

John Lenard Mangay-Ayam
Project Development Leader
lnardmangay-ayam@example.com

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Executive Summary

An alumnus/alumna is “a person who has attended or has graduated from a particular school, college, or university” (Cambridge University Press, 2017). Strong alumni relations can be of enormous value to a university. Alumni may assist the university from which they have graduated, resulting in non-monetary or monetary support. Therefore, they form an interesting and important group (Iskhakova et al. 2017). Their involvement can contribute to current students’ higher educational experience, such as by their reflection on current curricula and future job opportunities (Ebert et al. 2015; Moore and Kuol 2007). In addition, “engaging with higher education institutions in designing and delivering curriculum not only allows businesses to influence the education of the future workforce but to engage with prospective future employees throughout their educational experience” (Plewa et al. 2015, p. 36). Other examples of alumni support are, for instance, financial sponsorship, offering internships, giving guest lectures, and participation in advisory boards (Ebert et al. 2015; Moore and Kuol 2007).

In University of Caloocan City (UCC), Computer Studies Department (CSD) under of College of Liberal Arts and Sciences (CLAS), some alumnus are offering there service and effort to teach the new batch of students on their program, not only in Computer Studies Department but also on other departments too. Since University of Caloocan City in 1971, known as Caloocan City Community College up to present there is huge numbers of graduated in this University.

Therefore our team would like to propose Alumni Management System (AMSV1.0) a web based management system for the alumnus of the university since 2000, the system will help the alumnus to acquired alumni t-shirts and other alumnus activities that the university will run in the future.

As accepted by Ms. Jean Carla

1. Project Overview

General Objective:

The goal of this project is to create a software that offers Computer Studies Department (CSD) a means to stay in touch with their alumni. It streamlines tasks such as managing contacts, planning events, and connecting with members via social media, emails, etc., to help build strong alumni relationships.

Specific Objectives:

1. To Improved Communication
 - Alumni management software offers capabilities such as email communication, event and social media updates, job posts, and group discussions on a single platform.
2. To Provide Better Credibility
 - With alumni management software, you can create and maintain a database of your alumni, including details of their academic profiles, the companies they're associated with, and the positions they hold.
3. To Provide Secured and Reliable Platform
 - A verification will be required in order to prevent malicious user to register using a dummy account.

System Features:

1. Event Management
2. Jobs Board
3. Discussion/Forums
4. Member Accounts
5. Chat Support
6. Requesting for Items such as ID and T-Shirt

2. Obstacles

The project aims to replace the paper work used in storing the information of the college graduates and to have a proper system for checking the requirements needed by the alumni before signing their clearance. Also, to have a way to communicate with the alumni of the University of Caloocan City (UCC). These are the challenges that the initiative aims to overcome.

3. Technical Obstacles

We will use a web based application to create the system in order for the alumni to access the system anywhere.

4. Budgetary Risk

Since we will be doing a web application, this software will require you to purchase a web hosting and domain name which you will need to pay yearly.

5. Technology Requirement

Hardware Requirement

	Desktop Computer	Laptop
Processor	Pentium 4 or newer processor that supports SSE2	Pentium 4 or newer processor that supports SSE2
Operating System	<ul style="list-style-type: none"> - Windows 7 - Windows 8 - Windows 10 - Windows 11 	<ul style="list-style-type: none"> - Windows 7 - Windows 8 - Windows 10 - Windows 11
RAM	<ul style="list-style-type: none"> - 512MB of RAM - 2GB of RAM for the 64-bit version 	<ul style="list-style-type: none"> - 512MB of RAM - 2GB of RAM for the 64-bit version
Disk / Storage	200MB of hard drive space	200MB of hard drive space

6. Milestone and Reporting

Milestone	Tasks	Reporting	Hours	Date
Analysis	<ul style="list-style-type: none"> ▪ Gather information to learn problem domain ▪ Define system requirements ▪ Build prototypes for discovery of requirements ▪ Prioritize requirements ▪ Generate and evaluate alternatives ▪ Review 	<i>To-be-agreed upon</i>	324 hours	<i>To-be-agreed upon</i>

Milestone	Tasks	Reporting	Hours	Date
	recommendations with management			
Development	<ul style="list-style-type: none"> ▪ Design and integrate the network ▪ Design the application architecture ▪ Design the user interfaces ▪ Design the system interfaces ▪ Design and integrate the database ▪ Prototype for design details ▪ Design and integrate system controls ▪ Construct software components 		842 hours	
Testing	<ul style="list-style-type: none"> ▪ Verify and test ▪ Load limited data for sampling 		324 hours	
Deployment	<ul style="list-style-type: none"> ▪ Convert data ▪ Train users and document the system ▪ Install the system ▪ Maintain system ▪ Small patches, repairs, and updates ▪ Enhance system ▪ Small upgrades or enhancements to expand system capabilities ▪ Larger enhancements may require separate development project 		497 hours	
Training	<ul style="list-style-type: none"> ▪ Personal training of users ▪ Support 		173 hours	

Milestone	Tasks	Reporting	Hours	Date
	▪		2160 hours	

7. Deployment

The software will be deployed over the internet using a third-party web hosting in order for it to be used anywhere using web browser.

8. Testing

The testing process shall be as follows:

- White box testing after 50% completion
- Beta testing before release

9. Documentation

The document provided will be as follows:

- Software Development Proposal
- Project Manual

10. Warranty

Project is inclusive of 1 year warranty. Identified functions will be maintained for the time being.

11. Support

Project is inclusive of 2 months support and oversees on the first full implementation.

12. Training

15 hours personal training will be provided from the environment familiarization up to actual usage and control.

13. Pricing

Our fee for seeing the project through from start to completion will be Php606, 000.00 for 6 months.

- Software Engineer 17, 000.00 /month
- Programmers (7) 12, 000.00 /month

14. Payment Terms

We propose the following terms:

25% (25%)

Paid on acceptance of this proposal and signing of our software development agreement.

25% (50%)

Paid at completion of Milestone 1.

25% (75%)

Paid at completion of Milestone 2.

15% (90%)

Paid at completion of Milestone 3.

10% (100%)

Paid at completion of Milestone 4.

15. Contact Us

You can get in touch with us in any of the below ways:

By Phone

09384379875

By Email

lenard.mangayayam@gmail.com

If you would like to proceed with our proposal then you can sign the first page and return a copy to us by fax, email or post.

In any case please feel free to call us to discuss the quote, request more information or for any other reason.

We look forward to hearing from you soon!