

Student Organization Activation and Recruitment System for Adamson University

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OVERVIEW

The Student Organization and Activation Registration System (SOARS) is a web-based application that will serve as a platform to facilitate the creation, registration, and existing student organizations specifically for Adamson University students and incoming freshmen.

Categories and Subject Descriptors

Information Systems>Information Systems Applications>Spatial-temporal Systems>Sensor networks

General Terms

Learning Management System, Registered Student Organization, Student Organization and Activation Registration, SSO, PayPal,

Keywords

Web Application, Educational Portal, Android Devices

THE PROBLEM AND ITS BACKGROUND

As of now a system designed specifically to support official listed organizations in Adamson University does not exist. Social Media platforms are essential to organizations in terms of communication methods and announcements to inform participants and members. In this process the notifications from the academic life of a student tend to overwhelm the personal life of a student.

1.1 Project Context

1.1.1 Introduction

A student information management system is another name for a student management system. Through a centralized data management system that is available to all departments, this ground-breaking software organizes and manages all student data.¹⁰ Student Organization Activation Recruitment System for Adamson University or SOARS is an innovative web-based system that aims to cater to the needs of Official Organizations available in Adamson University. To provide an online platform where college students at Adamson University can explore various organizations at the same time increase their enthusiasm to go to

campus. Institutions can increase communication and collaboration, as well as operational efficiency¹⁰. SOARS would introduce an improved communication method that would reduce the use of social media for academic purposes. At the same time promote and utilize the maximum potential of each available official organization in Adamson University and encourage students to register and participate in an organization. Reduction of human labor, paper, and workloads while improving accuracy – with this software, your institution can reduce the cost of resources related to labour, paper and filing. All information is stored within the system, which is easily accessible at the click of a button¹⁰. With the help of SOARS, labor and paper workloads will be lessen improving the manual labor and increasing the modernization of information storage.

1.1.2 Background of the Study

Social media can be a form of escape for students experiencing academic pressure. A boundary must be set between academic life and social life. Social media serves as a convenient method in terms of communication purposes, but academic related messages tend to pile up and overwhelm the chat messages in the personal life of a student. Currently there is no system available that would support the communication needs of the organizations in Adamson University. In addition, announcements and agendas from organizations are heavily relied on social media. The attention of a student may divert because of the distracting factors that social media possess reducing the sense of importance and urgency of an announcement. In some cases, the attention of a student is diverted because of the distracting factors that social media possess reducing the sense of importance and urgency of an announcement. Features such as A centralized system specifically for Adamson University's student organizations, that would provide as a platform to showcase and create a management system, to produce as well as reinforce announcements and agendas by creating urgency and increase the sense of importance via email notifications. OSA or the Office for Student Affairs are responsible for the implementation of rules and regulations. OSA is the authority who oversees the approval of formation of organizations in Adamson University. SOAR or Student Organization Activation and Recruitment is an event of Adamson University that is held every first semester of the

academic year. This event promotes the Student Organization that is recognized by the Registered Student Organization and Office of Student Affairs. SOAR events encourage the student to be part of a student body that forms and explores the Students' Interest. SOAR's recruitment process would need personal information about the student and would be written down in pen and paper form or online form such as "Microsoft Forms". Data loss such as misplacement of physical files may occur at the same time reaching out to a newly registered member may be difficult because some students do not indicate their real name in social media for safety purposes. Errors such as contacting the wrong person and adding the unauthorized person to a group chat that displays members of the organization as well as accidentally giving access to sensitive conversations may lead to a violation of data privacy. Student Organization Activation and Recruitment system intends to provide digitalized secured storage that would safekeep data as well as provide the specific account of a newly registered member.

1.2 Purpose and Description

SOARS offers an array of functionalities that collectively lead to a more efficient, transparent, and engaging environment for student organizations, advisors, administrators, and its members. These benefits contribute to a vibrant and organized campus community while reducing administrative burdens and enhancing the overall educational experience for college students. A QR code would provide easy access for applying members through their mobile device. These QR codes would redirect into specific organizations that a student may potentially join. An SSO (Single Sign On) enhanced the user experience by simplifying the log in process of the user requiring a single set of credentials. Cashless payments (PayPal) that would provide quicker and secured transactions which would eliminate the risk of theft or loss. Email notification would reinforce the announcements into notifications via emails. Activity Calendar that would indicate the flow of the events in an organization. Chat room via chat boxes that would promote the use of the system at the same time rely less on social media communication in order separate academic related concerns and private matters. Membership ID that would serve as a unique identifier and verification that a student is a member of an organization. An Attendance monitoring would be added that would keep track of the member's participation and activities that the organization would performed. With this, a Certification Generation will be provided for the members who attended the event will have an e-certification of participation will be automatically issued if the member meets the requirements and has completed the event/task.

1.3 Objectives of the Study

1.3.1 General Objective

-To create a management system for the student affairs office that will help the office in their daily transactions to the student organization.

1.3.2 Specific Objectives

-To build a web-based system that will cater to student organization application and recruitment.

-To implement a QR code for each Recognized Student Organization's application webpage to use by applying members e.g., freshmen.

-To implement an email notification for members to receive organization notifications via email.

-To integrate PayPal API as a mode of online payment.

-To test the system using ISO 9126.

Scope and Limitation

The proposed Student Organization and Activation Registration System (SOARS) is designed to cover the comprehensive management of student-led organizations. Its primary focus is to cater to the needs of the university. The hierarchy of users, their privileges, and reports in this study are presented through the following:

- **OSA** – The user that can Oversee the activity and the transactions made in the System.
 - Oversees the adding of Organizational groups that is presented by the RSO.
 - To approve or deny a request by the RSO when it comes to Organizational Activity that the RSO Requested.
 - OSA has authority to edit and delete information of each organization.
- **RSO** – Possess the capability to manage an organization's webpage.
 - Editing organization's vision and mission
 - Adding or modifying activities
 - Posting announcements
 - Conducting polls
 - Able to send text message and file attachment in the Chat Room
 - Request for Activity Proposal Form
 - Generating registration forms for members interested in specific events.
 - Additionally, the administrator can access a complete list of organization members
 - Review the transcripts of applying members, and make decisions to accept or deny them regarding their applications.
 - Access payment reports within the organization, displaying each transaction that happens within the system.
- **Member** – The student who's been an approved member by the RSO provides access to various sections within the organization's website.
 - Switch Organization Page
 - Vision and mission page
 - Announcements page
 - Calendar page
 - Activity page
 - Certificates
 - Able to send text message and file attachment in the Chat Room
 - Attendance records
 - Personal account settings.
 - Members can update their contact information
 - Participate in polls
 - Complete event registration forms as well
- **Applying Member**– The guest is the applying member to the organization, they won't have full access to the Organization page and will act as a visitor with a limited

view of the confidential information of the Organizations.

- Register to the organization

While the proposed system offers a comprehensive suite of features and functions to efficiently manage student organizations there are certain aspects that are intentionally not covered in the system. Which includes;

- Gcash API – A merchant account is need in order to integrate GCash API into the system and it would need legal documents for the approval of Gcash to have a merchant account.
- AdU Email – Authentication and Security is crucial when integrating a school email into the system since it would contain all the information of the students of the Institution.
- Activity Approval – and
- Venue appointment – Budget constraints may apply as well as date flexibility and limited availability of venue due to a high demand.
- Mobile Component - Compatibility issues for newer models of phones, Different versions of android or IOS

1.4 Definition of Terms

- **Application Programming Interface (API)** - a set of rules and protocols that allows different software applications to communicate and interact with each other.
- **Office of the Student Affairs (OSA)** – OSA is serves as an administrative and a service office towards the vision-mission of the University. As an administrative entity, it implement policies, rules, and regulations of the University as well of the commission on Higher Education
- **PayPal** - an online payment gateway, facilitating electronic transactions between buyers and sellers.
- **Quick Response (QR) Code** - is a two-dimensional matrix barcode that stores data in a machine-readable format. It consists of black squares arranged on a white square grid, typically in a square pattern.
- **Recognized Student Organization (RSO)** – a formalized group or association typically found within an educational institution, such as a college or university, that has been officially acknowledged and authorized by the institution's administration or governing body.
- **Single Sign-On (SSO)** - a centralized authentication and authorization mechanism in computer security and identity management.

2. REVIEW OF RELATED LITERATURE AND STUDY/SYSTEMS

This chapter presents a comprehensive overview of relevant literature and studies that support the rationale for Adamson University's proposed Student Organization and Activation Registration System (SOARS). This chapter examines existing literature to determine the necessity and viability of such a system, as well as to throw light on significant concepts and discoveries within the academic community.

2.1 Local Literature

2.1.1 List of the Recognized Student Organizations (RSOs) for School Year 2023-2024 (2023)

Office for Student Affairs(2023) said that, It is with great pleasure that we unveil the illustrious list of Recognized Student Organizations, College Student Councils, and Religious Organizations. There are 43 recognized student organizations in Adamson University and some of them are not recognized.

We strongly encourage our students to join and participate in the Recognized Student Organizations (ROs). In addition, we request your continuous support to all our Vincentian Student Leaders in the actualization of their programs and activities. ^[1]

2.1.2 Magna Carta for Students

The State must advance and safeguard each student's right to be considered. at all levels, and will take the necessary efforts to ensure such everyone have access to education. The student's inherent worth as a person is more important than other values. Individuals' personal rights and dignity must be respected at all costs; they take precedence above any academic objectives imposed by educational institutions. The learner must always be regarded as a responsible individual. The State is cognizant of the contribution that student councils, newspapers, and other groups make to the advancement and defense of students' democratic rights and welfare as well as to the development of their sense of social responsibility. Students Organizations means an association or group of students bonded by common ideals, principles, visions and interests and working towards achieving their goals and aspirations.

Freedom of association and the right to organize. - Learners are free to establish, join, or take part in any group or organization, both inside and outside the any permitted activity on a school campus, including but not limited to religious, social, reasons that be economic, political, intellectual, cultural, or fun. Every school that is public should have a central student council that is independent ad with yearly elections for officials. Its committee is Elections created to carry out the election of the officials must only include of the institution's legitimate pupils. Every student council shall according to its legally agreed rules and plans regarding student activities state law and the constitution.

Membership or connection with any reputable student organization, group, or socio-civic Religious, political, and other properly organized groups are not permitted to engage in a prerequisite for enrollment in any school. Additionally, no pupil shall be forced to join any group as a prerequisite for enrollment or as a reason for suspension or expulsion. Membership in or withdrawal from membership in an extramural group will not disqualify someone. the branch or chapter that is situated at the school from becoming a recognized student organization. Any candidate for accreditation should not be subjected to excessive requirements. collegiate association. The Central Student Government will make decisions about the student organizations are accredited after consultation with the dean of students Affairs. When their constitution, bylaws, and a formal letter are submitted to be recognized by the Central Student Council Government. [2]

2.1.3 What are student organization in the Philippines

A student organization is an officially structured group of students who work toward a certain objective or vision. Some of these

student groups are made up of students from several schools around an area or nation, although most of them are located in schools.

Knowing the many motivations behind student groups will help you choose whether or not to join one. For instance, the student newspaper and the student government are two examples of student groups that are required at schools. While there are some groups that focus on advocacy (for example, LGBTQIA+ or environmental rights), interest (e.g., math or debate clubs), and athletics (e.g., varsity sports teams). What makes student organizations the best? You can undoubtedly participate in several.

It's a wonderful idea to join student groups, but forming your own can be much better! Creating your own student group may seem intimidating at first, but the first step is figuring out why you want to do it in the first place. To assist you in finding the answer to that issue, you can try employing tools like the SWOT, PERMA, or Ikigai. You may then begin contacting your friends for encouragement and your school's administration for the appropriate paperwork. School organizations in the Philippines are known to be very active with events and activities.^[3]

2.1.4 SPOT.ph Road-test: Which Mobile Wallet Is the Handiest?

The days of standing in line to pay bills, transfer money, make purchases, and other activities are long gone, and we can't say that we will miss them. The future is mobile banking and digital wallets! Particularly the second has grown in popularity recently as a practical method for making purchases from new small enterprises or for transferring money to loved ones, friends, and charities. If you haven't used any of these services yet, we tested some of the most well-liked ones available and ranked them according to their usefulness, costs, user-friendliness, and security.

PayPal's main function is to let you pay for goods online, whether retail websites or monthly payments, and it's a perfect substitute for having to enter your credit card information every time you shop online. The essential phrase with PayPal is "straightforward." Furthermore, because the app effectively performs the same functions as the website, you don't even actually need one to access their services. The ability to challenge a transaction and even to revoke payments up to 180 days after the transaction (as long as the money has not been claimed) are further benefits. Overall, PayPal is the best option because of its usability, stability, and dependability.^[4]

2.1.5 The Development of a Proposed Learning Management System for Senior High Schools in the Philippines

To continue offering a space for learning and promoting progress for every student in this era of digital learning, it is ideal for every school to make use of an efficient Learning Management System (LMS) platform.

Every learning institution must consider a number of factors, according to Quipper, one of the top education technology (edtech) platforms in the Philippines, to make sure that the LMS platform will enhance the instructional and learning experience for students as well as for administrators, teachers, and parents.

According to Quipper, there are a few things to consider while selecting an LMS: a platform that is versatile and flexible for various learning methods. A solid LMS platform caters to the various requirements of learning modes including in-person,

blended, and online. Because of its adaptable qualities, Quipper was designed to accommodate many modalities. It is a comprehensive platform that enables instructors to design their own courses and tests.

Gaining access to a communication-friendly platform. A trustworthy messaging platform is crucial for ensuring that students have a good learning experience. Because of the immediate feedback exchange between professors and students, learning is made easier and more accessible. An LMS platform must also be able to accommodate and integrate third-party software that teachers can utilize in their classrooms, such as video conferencing applications.

To make studying enjoyable and beneficial for learners, a platform with a user-friendly interface is a need. It is intended to make online teaching and learning more fun for users of all ages and should be simple for them to navigate. Additionally, it would be beneficial to seek for an LMS provider that offers top-notch customer service if administrators, instructors, students, and parents experience problems logging in to or utilizing the platform.

All of these elements contribute to a solid LMS platform that can assist instructors in providing all students with a positive and productive learning environment. These talents, meanwhile, provide students, the school, and its teachers more leverage. Through its LMS platform, which was updated to keep up with shifting technological and educational trends, Quipper offers all of these.^[5]

2.2 Foreign Literature

2.2.1 Education 5.0: What Does It Mean? How Does It Work?

Process management in education ensures streamlined registration process with clear forms, transparent student records that adhere to institutional rules. It is apparent that process management in education diverges from the established registration, selection, organization, and teaching methods at various points. This has several advantages, which we'll list below:

A key component of any agile management process is automation, which acts as a process-management tool to replace the complex and onerous phases that are stressful for institutions in this market with more flexible ones.

Automation brings with it its own benefits, including; Cost reduction through the elimination of repetitive tasks, Performance checks, Operational agility, Multiple forms of interaction, Tasks available and accessible to any authorized user, Process tracking, Integration with other management systems, Access management, Definition of priorities.

Example of a procedure at a school that has to be well managed to maintain functionality and provide users with a good experience.

Registration procedures: via the use of simple, transparent forms that stress efficient and impartial selection procedures as well as the flexibility of methods.

Student records are transparent and adhere to the institutional policies that are necessary to the process's sustainability.

Recruitment of teachers: using qualitative assessments to show candidates' pedagogical and psychological efficacy as well as screening applicants to find the greatest talent for achieving educational goals.

Tuition or a monthly fee: in this case, education process management must focus on customer happiness, enabling students

to fulfill their academic aspirations while also offering a useful and adaptable learning environment.^[6]

2.2.2 10 Great Advantages of Implementing Student Management System

Student Management System revolutionized education by giving institutions with digital solutions. Student management System manages student records, streamline administrative tasks, and improve student outcomes. With this, student Management System is revolutionizing the way educational institutions operate and poised to continue shaping the future of education.

Chandra also states that Student Information Management System has a user-friendly software that keeps all the relevant data in the cloud. If there is no a management system, the staff would have to re-enter the same process when saving a information and would need to use an excessive amount of energy and effort to store information.

“Dashboards perform analysis on the information recorded in the Student Information System, and the results of that analysis are presented in the form of Management Information System reports and graphs.”

Though, SMS (Student Management System) keep track of what the Student is doing in the Institution, it is impossible to track student all of their activities outside the school. But it would provide parents a peace of mind when they know that their children is going to school via monitoring system that would inform them that their children is late, absent, or present.

“Student data management is becoming increasingly important these days. In the current digital age, ‘data’ is the most valuable thing an organization can have. Data that is accurate and authentic allows institutions to make well-informed judgements.”^[7]

2.2.3 Integration of School Management Systems Using a Centralized Database

According to (Balcita, M. and Palaoag, T. 2020) An information and data processing system called the School Management System (SMS) includes integrated sub-systems for management, teachers, employees, guardians, and students. SMS strives to assist school administration in enhancing all of the services the school offers. As long as people's requirements for the institution's services are always changing, technology adaption and SMS feature improvements will continue.

They utilize stand-alone programs that provide outcomes comparable to those obtained by manual processes. Other school managers who have used SMS confirm that it significantly boosts their performance and efficiency. A comprehensive SMS gives recipients all the information they need to make decisions.

Around the world, schools have created and implemented computerized information systems, which have shown to significantly boost learning, particularly in terms of decision-making. In order to integrate SMS utilizing a centralized database, this study has this objective. To enhance SMS performance, it is necessary to consider the need for a thoroughly developed structure. This research will also specify SMS characteristics, construct the SMS, specify necessary technology, and include it, deploy, and assess the system's level of acceptance.

The importance of being able to adjust to the most recent information technology developments will assist enhance the standard of education and manage different educational activities. The use of technology improved educational quality by better

integrating processes and systems with diverse stakeholders, departments, and factions. Performance and productivity are improved, Utilizing information systems promotes management effectiveness by guiding tactics toward maximizing employee potentials or even recognizing them. But only an effective system can make all of this happen. A system is built using a modeled framework that provides the essential features, making the job of administrators, instructors, students, and other stakeholders easier.^[8]

2.2.4 Developing Student Leadership Readiness, Core Leadership Skills to Enhance Student Engagement through Organization Development Intervention: Action Research at Zhejiang Yuexiu University of Foreign Languages in Zhejiang Province, The People's Republic of China

Concern over student leadership development is growing in the educational community. The development of 21st-century abilities, such as professional and life skills, the ability to adapt to changing circumstances, and the requirement to develop talent, all depend on effective leadership. In the current action research, students at a private institution in China were encouraged to participate more in campus-based extracurricular activities by using successful Organization Development interventions to help them become more prepared for leadership skills to enhance student engagement in campus-based extracurricular activities.

By planning development interventions to increase students' involvement in classroom activities, the current empirical research takes the initiative to improve students' psychological status for leadership roles and fundamental leadership abilities. Additionally, it offers an original perspective on how collaboration in extracurricular activities may cultivate leadership from the inside out. This deliberate improvement in students' skill performance helps graduates stand out from the competition in the job market.

The study shows that when the ODIs were implemented, the respondents indicated substantial improvements in student leadership preparation, student core leadership competencies, and student involvement. The participants' leadership readiness, fundamental leadership abilities, and student engagement have improved as a result of the student leadership diagnosis, goal-setting process, communication with team members, strength-based feedback, student leadership development at extracurricular activities, and mentoring. Student participation is statistically significantly predicted by leadership preparedness and core leadership competencies.^[9]

2.2.5 What are the Benefits of the Student Management System?

A student information management system is another name for a student management system. Through a centralized data management system that is available to all departments, this ground-breaking software organizes and manages all student data. Lecturers may enter, maintain, and access student data using this type of on-site or cloud-based student management system. The institution can also meet regulatory compliance needs. The system's features also enable institutions to: Manage the registration of students in a seamless manner, observe all student information and attendance, avoid making it difficult for pupils to obtain their information, make managing grades simple for your academic staff, Keep tabs on student spending (fees, grants, loans, etc.).

To effectively manage data and information across departments, higher education institutions encounter a variety of difficulties, which led to the development of student management systems. All the components required for a higher education institution to operate efficiently and successfully are integrated into this system, which adopts a consolidated approach to student administration. This entails combining the subsequent Enterprise Resource Planning (ERP) components into a single comprehensive ERP solution: Student result management system, Online student attendance management system, Student admissions management system, Student database management system software, Student success management system, Learning management system, Students' information system.

Given the aforementioned, student management systems are essential to the efficient management and operation of a school or higher education facility. When using this form of system management software solution, several additional advantages may be realized. These consist of:

Enhances the overall performance of students with student attendance tracking – with the insight into student performance, higher education institutions can highlight any “red flags” concerning attendance and exam results and address these accordingly. This solution also enables students to access the information and coursework needed to meet their course requirements.

Helps to streamline all tasks – with this kind of system, many tasks can be automated and streamlined, saving time in terms of productivity and positively impacting the student experience

Improved communication – a student management system allows all institution stakeholders, including students and parents, to access the information needed regarding elements related to registration, fees, course work and more, which enhances communication.

Reduction of human labor, paper, and workloads while improving accuracy – with this software, your institution can reduce the cost of resources related to labour, paper and filing. All information is stored within the system, which is easily accessible at the click of a button.

Ensures efficient and effective timetabling – with this solution, you can efficiently and effectively schedule student and exam timetables and book rooms.^[10]

2.3 Local Study/Systems

2.3.1 Designing and Implementing e-School Systems: An Information Systems Approach to School Management of a Community College in Northern Mindanao, Philippines

To offer educational services to the public, colleges and universities were founded. The school, like any other institution, follows rules and regulations that are comparable to those in business or industry and deals with admissions, data processing, and report creation. A centralized system for storing makes those procedures possible. Most of the the nation's schools have already embraced computer-based systems to meet their demands, particularly with regard to student and school-related transactions, processing, and retrieval of data and information. Lack of a computer system, as well as the intricacy of the college's transactions, which causes the staff to be overworked Keeping and maintaining student records and information on paper is the driving force behind creating the School

Management Information System and created for a community college in Mindanao's northern region.

With increasing needs and expectations, the system has occasionally been enhanced. Due of the college's population's fast growth. Management at the school Information system operates on a hybrid system that utilizes two (2) platforms, one is a local web-based system for real-time inquiries and information retrieval, and the other is a java-based environment for transactional activities. Management at the school system has been used for a number of purposes, such as data management and the data it produces helps schools make decisions for the now and the future. innovative ideas.

Because it uses two development environments, the system is a hybrid form of development. One environment is a web-based platform, and the other is a Java environment. While the web-based system enables various user roles to interact with the system through admission, student information, summative reports like the class list, student grade, grade evaluation, and grade input for the faculty, the java platform serves as the transactional program that enables users to perform real-time school-based transactions such as Subject control, Enrollment, Assessment, and printing of reports.

Based on the requirements of, the School Management System was created and constructed. Specifically, the school's primary transactions, including admission, enrollment, and accounting Grading, report generation, and student information system. Considering the previous responders to the survey concurred that the created e-school system was functioning and improved the school's transactional procedure. The academic staff has The system was put to use, and it worked well. The overall effectiveness and quality of the In terms of functionality, use, and dependability, the system was excellent.^[11]

2.3.2 Impact Assessment of CITHM Student Organizations in the Attainment of Institutional Core Values

Student organizations serve as a platform for institutionalizing educational thought. putting the school's mission into action. The effectiveness of student organizations at the Lyceum of the Philippines - Laguna In terms of events, seminars, and activities, defined how they helped students develop in a way that is consistent with the guiding principles of the institution.

The academic community has long been able to organize, create, carry out, and expand numerous student activities. That supports kids' holistic development, which includes their social, emotional, and spiritual facets, in addition to their academic success. It serves as a refuge for developing pupils' aptitude and changing their mindset will help them advance in their chosen academic and professional domains. These student activities are advantageous to the students since they essentially permit participation in the learning procedure itself. When students participate in the educational process both within and outside of the four the many facets of their character might flourish in different areas of space.

The researchers advise CITHM to engage in more initiatives that further the fundamental principles of leadership, morality, creativity, nationalism, and a focus on serving others. The

outcomes performing more of these activities will be beneficial since the respondents to this survey gave it a favorable evaluation. might be highly advantageous to the entire CITHM community. Additionally, the researchers advise that the student groups at LPU-Laguna and the Office of Student Services modified this study to actions that are in keeping with the institution's fundamental principles and vision should be strengthened and reinforced. and the institution's goals.

The researchers also suggest enhancing and emphasizing the areas of the study that have received the least attention. based on the researchers' assessment results for institutional basic values: for God-centeredness, the claim of holding seminars and events in was given the lowest mean score in its evaluation Student groups at CITHM encouraged students to fully trust God and deepen their relationship with Him. that each occasion would be prosperous. Respondents who have been involved in the organizing committees overseeing CITHM student organizations' initiatives must have understood the significance of organizing conferences and other educational activities. They must also have understood the responsibility that comes with being in charge of planning activities.^[12]

2.3.3 Cardinal Connect: A Student Organization Events Management System

The viewpoints of students on joining student groups are examined in this PhD case study. Twenty Students took part in focus groups to help the researcher understand why students did what they did. make the decision to join groups and organizations. Using inductive investigation of pertinent documentation NSSE statistics and ongoing institutional activities related to student organization engagement Three important results came out of focus group interviews and relevant academic research.

According to those studies, feeling a sense of belonging is crucial for engagement and the growth of transferrable skills. An advantage is having abilities, and involvement in student groups fosters leadership potential. A knowledge of the connection between is one of the advised practices. student participation and groups, making use of student organizations to build skills, and acknowledging the function of student groups in fostering leadership. suggested future research involves carrying out related research at other higher education institutes, Understanding the contrasts between student organization leaders and general membership Further research on the outcomes and levels of the NSSE data reveals that pupils do not participate. from freshman to seniors, as well as more analysis of EDI programs and student organizations participation and feeling of community.

Leadership potential is developed via involvement in student organizations. Students cite the growth of their leadership as a motivation for participating. Students said that after taking on various leadership responsibilities in their student groups, they felt more prepared for the future. They were able to step beyond their comfort zones and gain more confidence in their talents because to their leadership responsibilities. Additionally, prior leadership experience in a To increase productivity, a student group stressed the value of mastering skills, such as listening. Organizational difficulties provided many of the student leaders with chances to grow personally and professionally. They joined student groups

because they saw the chance to do so as valuable to their future success and a way to grow as leaders.

The main goals of student involvement include raising student success and learning, fostering an environment geared toward fostering desirable habits, and transferrable teaching pupils new skills and giving them a feeling of community. It seems that pupils who actively participate Students who participate in campus activities and programs like student groups are more likely to learn, develop, and grow, which contributes to their general success. Students were able to explain their knowledge of and comprehension of joining one or more student groups. Students may not describe their justifications in terms of specialized higher education jargon. even though they verbalized distinct justifications for both staying and joining, pupils dedicated themselves to collegiate groups.^[13]

2.3.4 The Development of a Proposed Learning Management System for Senior High Schools in the Philippines

With the exception of Grades 11 and 12, learning resources for various curricular topics are currently available online for all levels (Kindergarten through Grade 10). This shortcoming inspired the researchers to perform the investigation to establish and create a learning particularly for senior high schools, a management system (LMS) In some areas of the Philippines, grade 11. The research utilized using a descriptive survey to learn about consumer needs from 3072 stakeholders, a cross-section of which included randomly selected students, teachers, and principals.

The purpose of this research was to construct a learning two regions' senior high school management systems in Grade 11 in the Philippines, especially. It specifically sought to give a description of the K–12 Senior High School implementation knowledge from the two areas, specify the difficulties that the administrators, teachers, and Students participate in the implementation and decide what they want. characteristics of an effective learning management system (LMS) for schools for seniors (SHS).

Agile software development is used to create LMS. based on the qualities that administrators, teachers, and other students have. The teachers desire the LMS to monitor the students' readily; the professors valued simplicity in instruction different eLearning styles, evaluations, and the students said they preferred having access to endless favored qualities. An administrator has been appointed for the LMS. oversee, maintain, and update the educational resources of the Basic Education Program for Grade 11 to K12. In Moreover, educators may design and distribute curriculum, monitor evaluate student achievement and student involvement. Additionally, the LMS allows students to post assignments, initiatives, conduct evaluations, and analyze how they performed.^[14]

2.3.5 Road Mapping Towards A Successful School-Based Management System

Thematic analysis and document analysis were utilized in generating the emerged five (5) themes, namely, 1. Plan-ning of School-Based Management, 2. Strategizing and Implementing SBM, 3. Struggling the Rough Roads, 4. Transforming leadership, and 5. Achieving excellence at the end of the rocky road. Furthermore, survey participants discussed the school practices

they employed to achieve the advanced level. Insights were also presented for the future growth of SBM implementation. The findings revealed that an excellent school's management would have a significant impact on the quality of instruction provided to the students, the development of schools' head leadership, the pedagogical skills of teachers, and its vital relationship to the community stakeholders.

The importance of properly implementing school-based management will result in the school doing exceptionally well. It receives constant attention from researchers since they view it as a crucial topic for the advancement of the country.

In addition, in the implementation of school-based management, trusting the skills of subordinates is one good quality a leader can have to empower subordinates to do their tasks. It will boost their confidence because of the thought that someone trusted them. Trust has been linked to numerous attitude outcomes of one's job happiness, Organizational commitment, organizational performance, and organizational commitment, according to Pomerleau and Maria doss (2015).

To reach an advanced level in SBM implementation, the schools must first and foremost have proof that they offer high-quality instruction, as shown by an increase in enrollment, with complete and qualified teaching and non-teaching personnel, outstanding curricular and co-curricular programs, activities, and services for the students, good condition and functional school facilities. These learning environments have a significant impact on how well students, instructors, and school administration succeed.

The schools may provide good quality of education through their academic programs and services, training and equipping of teachers, research productivity, provision of functional facilities and equipment for learning, additional funding, and community linkages to attain and maintain the advanced level in SBM. ^[15]

2.4 Foreign Study/Systems

2.4.1 Improving E-Learning Material Quality with the Aid of Deep Learning and Workflow Management

According to Nurmadewi et. al. (2020), significant research attention has been given to business process management (BPM) and information technology (IT), with the main emphasis being on BPM's applications and IT's support of business processes. However, there hasn't been much research done on how BPM skills relate to IT needs. The goal of this study is to build a connection between BPM capabilities and the information technology requirements of small and medium-sized clothing firms (SMEs) to make sure that IT implementations are in line with these organizations' overarching business goals. According to the study's findings, SMEs in the garment industry have unique BPM requirements that cover things like process definition, documentation, measurement, management, customer focus, and supplier relationships. These results are anticipated to give garments SMEs insightful information that will help them create and deploy IT solutions that will improve their productivity and competitiveness.

The proponents of the study make a direct link between their research findings and their proposal, which entails the construction of a Student Organization Application and Recruitment System for Adamson University. They understand that the study's findings,

notably about the unique BPM requirements of small and medium-sized clothing manufacturers, may be applied to the setting of the university's student organizations. By incorporating these insights into the design of their system, they hope to ensure that it adheres not only to general BPM principles but also to the specific needs and objectives of Adamson University's student organizations, such as process definition, documentation, measurement, management, and user experience enhancement. This alignment demonstrates the project's dedication to improving the efficiency of student organization management, streamlining recruitment processes, and, eventually, improving the entire student experience at the university.^[16]

2.4.2 Business Process Management: The evolution of a discipline

Reijers (2021) defined Business Process Management (BPM) as a management concept that emphasizes the need of optimizing and harmonizing all parts of an organization's processes, from the procedures required to the people, information, and technologies used. This all-encompassing strategy has the potential to improve product or service generation, increase efficiency, and reduce environmental impact. Many firms, however, do not completely embrace BPM, instead allowing their functional units to run autonomously, resulting in sub-optimization and a detachment from consumer needs. According to research, firms that prioritize integrated and coordinated business processes outperform those that do not.^[17]

2.4.3 Analyzing Linkage Between Business Process Management (BPM) Capability and Information Technology: A Case Study in Garment SMEs

According to Pap et. al. (2020), workflow management system (WfMS) can be defined as a software which aids in setting up, carrying out, and keeping track of processes and tasks. A system such as this aims to optimize information flow inside an organization, increase productivity, and ensure high quality. In addition, such a WfMS allows for a description of validation steps such as professional and linguistic proofreading, plagiarism detection, and more.

The proponents intend to use the Workflow Management System (WfMS) due to its numerous features, such as email notifications, user reassignment, role-based activities, form modeling, and other functionality that will be integrated into the system. This strategic use of the Workflow Management System will simplify workflow operations and increase overall efficiency.^[18]

2.4.4 Investigating the effects of online communication apprehension and digital technology anxiety on organizational dissent in virtual teams

As stated by Rahmani et al. (2023), participating in virtual teams has become a common practice in modern workplaces because of technical improvements that allow for distant cooperation. Certain employees may suffer anxiety when talking using digital mediums such as email, phone, video conferencing, and team applications in these virtual situations, where physical presence is not required. This worry, in turn, may have an impact on their propensity to express disagreement within the company. The current study

investigates how two types of online anxiety, namely online communication apprehension and digital technology anxiety, affect employees' proclivity to engage in organizational dissent in virtual environments. As control variables, the study considers age, technical ability, the level of virtual workload, and prior experience with virtual teamwork. The study investigated data from 321 voluntary employees linked with various organizations in the United States (including 135 males, 184 females, and 2 individuals of other genders) using both factorial analysis and structural equation modeling. According to the findings of this study, both forms of online anxiety and technological capabilities often raise organizational dissent, whereas rising age considerably reduces latent dissent in virtual situations. These findings support the social compensation hypothesis on the use of internet media.^[19]

2.4.5 Technology-supported management education: a systematic review of antecedents of learning effectiveness

The authors conducted a systematic, multidisciplinary review to investigate the elements determining the success of technology-supported management learning, and they identify potential future research areas. They highlight the shift from traditional passive knowledge acquisition in physical classrooms to active knowledge building in virtual settings, supported by technological improvements. This shift in the learning environment has a direct impact on future management education. Even though research on this topic is fragmented, the authors use a systematic approach to consolidate insights from educational psychology, educational technology, higher education, and management education, providing a comprehensive perspective on the determinants of technology-supported management learning. The study outlines specific areas that require more investigation, such as the ideal mixing of formats for different management disciplines, technology selection and design concerns, instructor teaching styles, and the impact of learners' affective moods.^[20]

ACM REFERENCES

- [1] Office of the Student Affairs. 2023. List of the Recognized Student Organizations (RSOs) for School Year 2023-2024. Retrieved October 10, 2023 from OSA Memo AY 2023-2024 - OneDrive (sharepoint.com)
- [2] Hon. Manny Villar. No. 1641 - legacy.senate.gov.ph. Retrieved October 10, 2023 from <https://legacy.senate.gov.ph/lisdata/60105349!.pdf>
- [3] Loreta Arroyo. What are student organizations in the Philippines? Retrieved October 11, 2023 from https://www.edukasyon.ph/blog/what-are-student-organizations-in-the-philippines?fbclid=IwAR3OxJnIxx91nsS1ew7vYEsMJZu_jbdEeno0JtpiiaGw9c3pgNree_EsxknY
- [4] Mia Rodriguez. Oct 4. 2020. SPOT.ph Roadtest: Which mobile wallet is the handiest? (October 2020). Retrieved October 11, 2023 from <https://www.spot.ph/newsfeatures/the-latest-news-features/83822/mobile-wallet-reviews-philippines-a4362-20201004-lfrm>

- [5] Edgardo Hilario. Jan 26, 2023. . Quipper shares different factors to consider on determining the perfect LMS to use for your school . Retrieved October 11, 2023 from https://mb.com.ph/2023/01/25/quipper-shares-different-factors-to-consider-on-determining-the-perfect-lms-to-use-for-your-school/?fbclid=IwAR0EsLCNMZYfBLjb0QGf_MkNk60rbueeJFk9NOL2lxzKO1dUoMNGh3xxQu0
- [6] Leonardo Loureiro de Carvalho. October 2023 Process Management In Education: Understand Its Importance Retrieved October 11,2023 from <https://www.sydle.com/blog/education-5-0-61e71a99edf3b9259714e25a/>
- [7] Chandra Natsir. 2023. 10 great advantages of Implementing Student Management System. (July 2023). Retrieved October 11, 2023 from <https://www.hashmicro.com/blog/10-great-advantages-of-implementing-student-management-system/>
- [8] Thelma D. Palaoag. 2022. Integration of school management systems using a centralized database (ISMSCD). (June 2022). Retrieved October 11, 2023 from https://www.academia.edu/56403677/Integration_of_School_Management_Systems_Using_a_Centralized_Database_ISMSCD
- [9] Li Bing and Seongdok Kim.Retrieved October 11, 2023 ABAC ODI JOURNAL VISION. ACTION. OUTCOME Vol 8(1) January 2021 82http://www.assumptionjournal.au.edu/index.php/odijournalDeveloping Student Leadership Readiness, Core Leadership Skills to Enhance Student Engagement through Organization Development Intervention: Action Research at Zhejiang Yuexiu University of Foreign Languages in Zhejiang Province, The People's Republic of China from <http://www.assumptionjournal.au.edu/index.php/odijournal/article/view/4925/2933>
- [10] Thato Mthembu. 2022. What are the benefits of the Student Management System? (June 2022). Retrieved October 11, 2023 from <https://education.adaptit.tech/blog/what-are-the-benefits-of-the-student-management-system/>
- [11] Benzar Glen S. Grepon, Niño T. Baran, Kenn Migan Vincent C. Gumonan, Aldwin Lester M. Martinez, and Mona Liel E. Lacsá. 2021. Designing and implementing e-school systems: An information systems approach to school management of a community college in Northern Mindanao, Philippines. (September 2021). Retrieved October 11, 2023 from <https://arxiv.org/abs/2109.00198>
- [12] Arnie Joyce B. Dequilo, Mark Justine A. Dismaya, and John David L. Santos. Impact assessment of CITHM student organizations in the attainment of ... Retrieved October 10, 2023 from <https://www.lpulaguna.edu.ph/wp-content/uploads/2019/10/4.-Impact-Assessment-of-CITHM-Student-Organizations-in-the-Attainment-of-Institutional-Core-Values.pdf>
- [13] Kimberley Haines. Student perspectives on joining Student Organizations. Retrieved October 10, 2023 from <https://repository.library.northeastern.edu/files/neu:m044c837s/fulltext.pdf>
- [14] Maria Salud M. Delos Santos, Dennis C. Durano, and Arlene D. Hortillosa. 2023.(March 2023). Retrieved October 11, 2023 from <http://www.ijet.org/vol13/IJiet-V13N3-1823.pdf>

- [15] Jay Ar I. Laranang. 2022. Road Mapping Towards A Successful School-Based Management System . (August 2022). Retrieved October 11, 2023 from <https://journals.e-palli.com/home/index.php/ajahs/article/view/442/242?fbclid=IwAR0BKtTn68u5lQAH2qiJMR3uZnu7vFsdrV5Aae-phD6zuhpqYplT7C4qfg>
- [16] Dita Nurmadewi and Mahendrawathi ER. 2020. Analyzing linkage between business process management (BPM) capability and Information Technology: A case study in garment smes. (January 2020). Retrieved October 2023 from <https://www.sciencedirect.com/science/article/pii/S1877050919319131>
- [17] Hajo A. Reijers. 2021. Business Process Management: The evolution of a discipline. (January 2021). Retrieved October 11, 2023, from <https://www.sciencedirect.com/science/article/pii/S0166361521000117>
- [18] Melinda Pap, László Zsolt Nagy, and Dániel Fekete. 2020. Improving E-Learning Material Quality with the Aid of Deep Learning and Workflow Management. *Proceedings of the 11th International Conference on Applied Informatics* 2650 (2020), 260–271.
- [19] Diyako Rahmani, Cheng Zeng, Melissa Hui Chen, Phoebe Fletcher, and Ryan Goke. 2023. Investigating the effects of online communication apprehension and digital technology anxiety on organizational dissent in virtual teams. (February 2023). Retrieved October 11, 2023 from <https://www.sciencedirect.com/science/article/pii/S0747563223000705?fbclid=IwAR2nTdUJNwYzLDB2AhDXwLWBM6k7p0AKoo8RfKognPEbyjO-naF6il-643l>
- [20] Fabian Alexander Müller and Torsten Wulf. 2020. Technology-supported management education: A systematic review of antecedents of Learning Effectiveness. *International Journal of Educational Technology in Higher Education* 17, 1 (2020). DOI:<http://dx.doi.org/10.1186/s41239-020-00226-x>