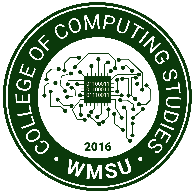
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Republic of the Philippines

Western Mindanao State University

**COLLEGE OF COMPUTING STUDIES**

DEPARTMENT OF INFORMATION TECHNOLOGY

**TITLE**

A CAPSTONE PROJECT

Presented to the Faculty of the

Institute of Computer Studies

Western Mindanao State University

In Partial Fulfillment

of the Requirements for the Degree

Bachelor of Science in Information Technology

By

MEMBERS

(LAST NAME, FIRST NAME, MI)

NAME OF ADVISER

Faculty Adviser

DATE

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| WESTERN MINDANAO STATE UNIVERSITY  Zamboanga City, 7000 Philippines  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Institute of Computer Studies  Information Technology Department      **CERTIFICATE OF PANEL APPROVAL**    The Capstone Project, attached hereto, entitled **“ INSINYAR: A MOBILE-BASED LEARNING APPLICATION WITH AUGMENTED REALITY FOR MTB MLE CHAVACANO LEARNERS ”,** prepared and submitted by **JHEHAN I. ABDAL, RICALYN B. CARIAL, NUR-RADIA G. LAGOYO** in partial fulfillment of the requirements for the degree **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY,** is hereby recommended for approval.    **ENGR, CEED JEZREEL B. LORENZO, MIT**  Chairperson  **\_\_\_\_\_\_\_\_\_\_\_**  Date      **MR. LEIRRAND CHRISTIAN A. OCHOTORENA**  Member  **\_\_\_\_\_\_\_\_\_\_\_**  Date      **MR. WHESLEY C. TIMPANGCO**  Member  **\_\_\_\_\_\_\_\_\_\_\_**  Date      **AIDA A. ESCORIAL, MIT**  Adviser  **\_\_\_\_\_\_\_\_\_**  Date    This Capstone Project is approved in partial fulfillment of the requirements for the degree **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY**    **JOHN ED AUGUSTUS A. ESCORIAL, MIT DR. RODERICK P. GO**  Department Head, IT Director, ICS  **\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_**  Date Date |

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# **CHAPTER 1**

**INTRODUCTION**

* 1. **Project Context**

*(Discuss the background of the project, the processes involved in the area  
being studied.)*

* 1. **Purpose and Description**

*(Discuss the problems encountered that made the proponents to conduct or  
to proposed solutions to addressed the problem being studied.)*

* 1. **Project Objectives**

*(Discuss the general objective of the project as well as the specific objectives  
that the proponent will take to meet the general objective.)*

This section presents the general objective and the specific objectives of the study.

**a. General Objective**

**b. Specific Objectives**

* 1. **Scope and Limitations**

*(Discuss the coverage of the project, its functionalities, the target users and  
their access levels, the development platform to be used, the deployment  
environment. Moreover, state the project limitations including the functions  
that are not intended.)*

**1.5 Significance of the Study**

**1.6 Definition of Terms**

**CHAPTER 2**

**REVIEW OF RELATED LITERATURE**

**2.1 Introduction**

**2.2 Summary**

**2.3 Synthesis**

**CHAPTER 3**

**TECHNICAL BACKGROUND**

*(After a thorough evaluation of the proposal defense, this section may include a conceptual framework that illustrate the different technology and components of the approved project. Discuss also the solutions being taken to address the problems and needs specified in the previous chapters.)*

**3.1 Conceptual Framework**

**3.2 Software and Hardware Requirements**

**CHAPTER 4**

**DESIGN AND METHODOLOGY**

This chapter presents the design process and methodology of the development of the project.

**4.1 Introduction**

**CHAPTER 5**

**DEVELOPMENT AND TESTING**

**CHAPTER 6**

**RESULTS AND DISCUSSIONS**

**CHAPTER 7**

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**EVALUATION FORM**

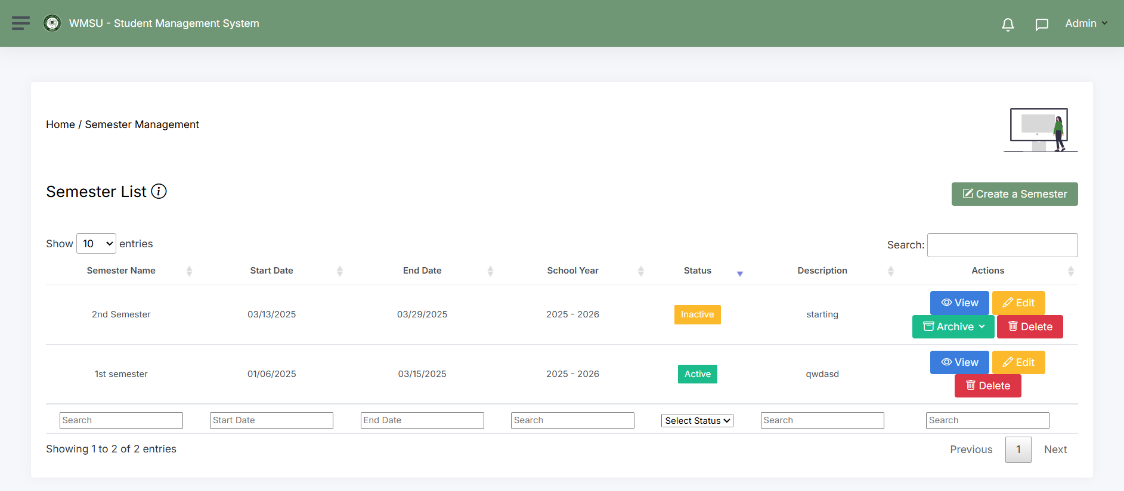
**APPENDIX E**

**GANTT CHART**

**APPENDIX F**

**USE CASES**

**CURRICULUM VITAE**

****

This feature allows the admin to manage semester details. The interface provides to create a semester and assign classes to the semester.

**View Semester**

* Upon accessing the Semester Management section, a list of available semesters will be displayed.
* If no semesters are available, the page will display a message indicating “No Semester available.”

**Creating a Semester:**

* The admin can click on the “Create a Semester” button to begin the process of adding a new semester to the system.
* Upon clicking, the admin will be directed to a form where the semester details can be inputted.

**Navigating the System:**

* Admin can easily navigate back to the dashboard or other sections using the sidebar on the left. The system provides the current date and time for easy reference.

**Archive of Semester**

* The system will automatically archive the status of the semester when the term is done.

This feature allows the admin to manage semester details such as view, edit, delete button to navigate and control the semester.

**View Semester**

* Upon accessing the Semester Management section, you can view the semester created to clarify or to check if there are any errors to change onwards.

**Edit Semester:**

* The admin can click on the “Edit Semester” button to begin the process of editing or updating any information in the semester created.
* If all of the requirements are completed you can go to this button in click “make active” to activate the semester created

**Delete the Semester:**

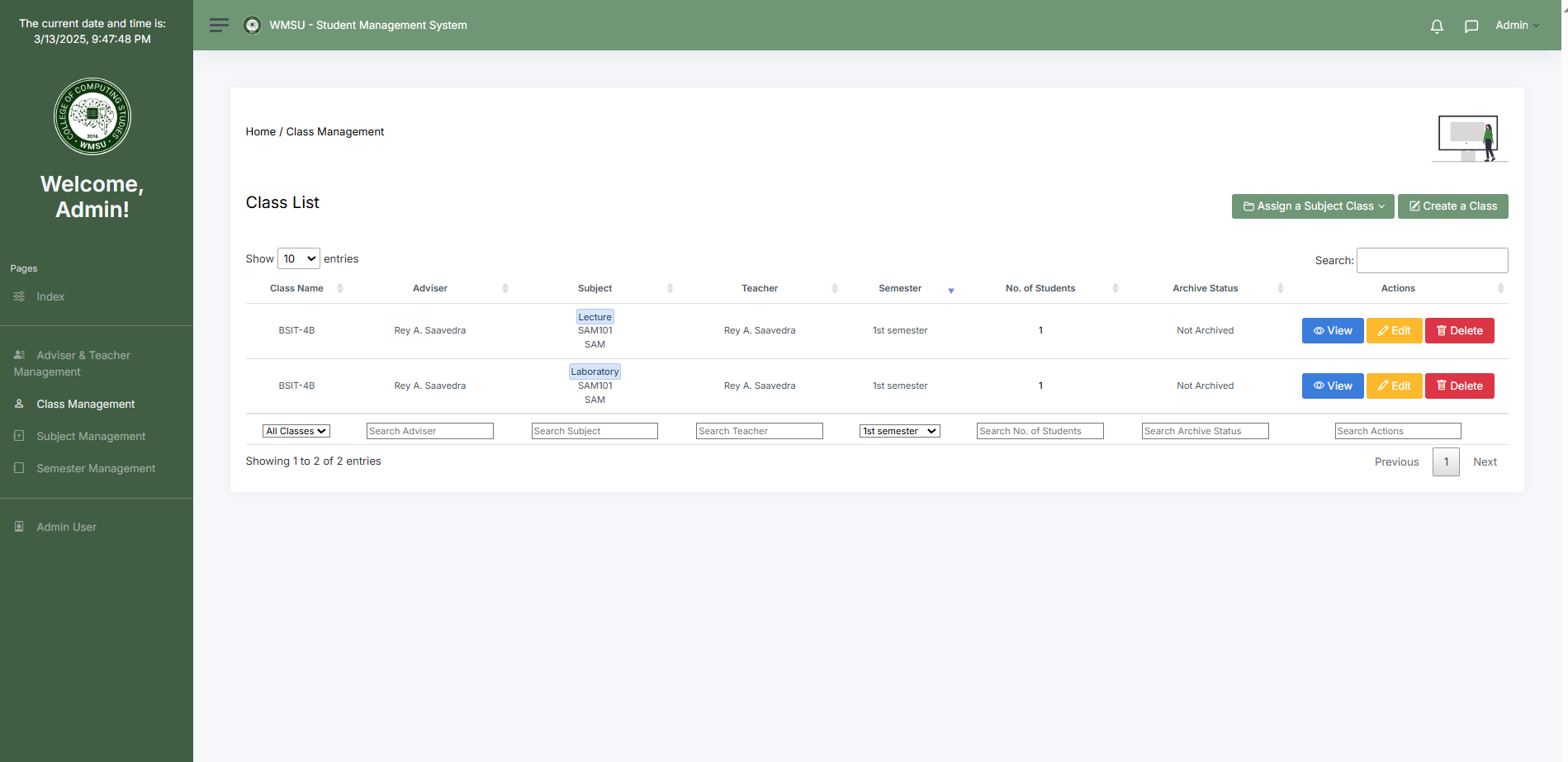
* Admin can easily delete the semester created.

**Archiving;**

* In this section the admin can manually archived the semester created.
* But if the users want automatically archived the semester, the system can automatically archived based on the end date of the semester.

This section allows the admin to create a subject for the semester

* To create a subject click the “create subject” and manually input all the information’s needed such as “subject name”, “subject code”, “subject type”, if it is laboratory or lecture, “meeting days”, the “start time and end time”

****