MAPÚA MALAYAN DIGITAL COLLEGE

A college under **Mapúa Malayan Colleges Laguna**

MO-IT149 Web Technology Application

Integration Plan: File Storage, Authentication, and Access Control

Instructions

Complete each section of the worksheet, tailoring the information to your specific project and assigned responsibilities. Sample answers are provided in **red** for guidance; replace these with your own responses in **black**.

Work collaboratively to align your answers and finalize the plan.

Use this worksheet as a guide during implementation and testing phases.

Section 1: Project Overview

Feature	Current State	Planned Integration
File Storage		
File Upload/Retrieval		
User Authentication		
Authentication Tokens		
Middleware Validation		
Role-Based Access Control (RBAC)		

Section 2: Integration Details

Part I: File Storage and Retrieval

Which provider will you use?	
What types of files will you store?	
How will files be structured?	
Routes to implement	
Validation rules	

Part II: User Authentication (Google OAuth)

How will users log in?	
What user data will you retrieve?	
Token management plan	
Routes to implement	

Part III: Middleware Validation

Middleware function details	
Routes requiring middleware	
Error handling plan	

Part IV: Role-Based Access Control (RBAC)

User roles	
Role-based permissions	
Routes requiring role-based restrictions	
Error handling plan	

Section 3: Testing Plan

Feature	Testing Method	Expected Results
File Upload		
User Authentication		
Middleware Validation		
Role-Based Access Control (RBAC)		