

Presentation Slides – CMSC 311 Final Project

Slide 1: Project Title

Laguna PHO Record Management System With Local Automation and Security Logging

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Course: CMSC 311 – Software Engineering

Date: May 31, 2025

Slide 2: Background and Initial Scope

Initial System Purpose:

To manage user accounts (Admins, Coordinators) and municipal data for the Provincial Health Office of Laguna.

Core Features Before Enhancement:

- Login and user roles
- Municipality and coordinator management
- Add/update forms
- Bootstrap-based responsive layout

Slide 3: Key Enhancement Added

Feature: Local Activity Logging System

Why It Was Added:

- To improve accountability and offline auditing
- To track who logged in, what was done, and when

What It Logs:

- Users Activities
- Page visits (e.g., coordinators.php, municipality.php)














Tool Used: logger.php (custom PHP function)















Slide 4: Screenshot

The screenshot displays the admin dashboard of the 'Record Management System' for the Laguna Provincial Health Office. The interface includes a sidebar with navigation links: Dashboard, Coordinator/s, Requestor/ Patient List, Municipality, and Signout. The main content area features a 'Dashboard Overview' section with four summary cards: 'Municipalities' (9 Active municipalities), 'Pending' (13 Awaiting action), 'Approved' (1 Successful applications), and 'Disapproved' (0 Requires follow-up). Below this is an 'Expenditure Overview' section, which is currently empty. At the bottom, a 'Recent Applications' table lists three entries with columns for Reference No., Applicant, Municipality, Status, and Date Submitted.

Reference No.	Applicant	Municipality	Status	Date Submitted
#51	LYDIA C. BALINGASA	Los banos	Pending	Oct 06, 2024 09:37 PM
#50	BRIANNA L. CONSTANTINO	Pila	Pending	Oct 06, 2024 09:33 PM
#49	CATALINA M. MANTALA	Pakil	Pending	Oct 06, 2024 09:30 PM

activity_log.txt				
File	Edit	View		
[2025-05-30 15:06:05]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-30 15:07:35]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-30 15:07:59]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-30 15:07:59]	[Admin: LAGUNA PHO ADMIN]	Updated status of account ID 10 to active		
[2025-05-30 15:08:00]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-30 15:08:13]	[Admin: LAGUNA PHO ADMIN]	Visited: Requestor/ Patient List		
[2025-05-30 15:08:30]	[Admin: LAGUNA PHO ADMIN]	Visited: Municipality		
[2025-05-30 15:09:39]	[Admin: LAGUNA PHO ADMIN]	Visited: Municipality		
[2025-05-30 15:09:51]	[Admin: LAGUNA PHO ADMIN]	Visited: Municipality		
[2025-05-30 15:09:51]	[Admin: LAGUNA PHO ADMIN]	Added new municipality: Alaska		
[2025-05-30 15:09:52]	[Admin: LAGUNA PHO ADMIN]	Visited: Municipality		
[2025-05-30 15:10:09]	[Admin: LAGUNA PHO ADMIN]	Visited: Requestor/ Patient List		
[2025-05-30 15:10:22]	[Admin: LAGUNA PHO ADMIN]	Visited: Dashboard		
[2025-05-30 15:10:22]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-30 15:10:24]	[Admin: LAGUNA PHO ADMIN]	Visited: Municipality		
[2025-05-30 15:10:25]	[Admin: LAGUNA PHO ADMIN]	Visited: Requestor/ Patient List		
[2025-05-30 15:13:24]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-30 15:13:25]	[Admin: LAGUNA PHO ADMIN]	Visited: Requestor/ Patient List		
[2025-05-30 15:16:56]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-30 15:16:57]	[Admin: LAGUNA PHO ADMIN]	Visited: Requestor/ Patient List		
[2025-05-30 15:21:23]	[Guest]	Visited: Coordinator/s		
[2025-05-30 15:21:46]	[Admin: LAGUNA PHO ADMIN]	Visited: Dashboard		
[2025-05-30 15:24:28]	[Admin: LAGUNA PHO ADMIN]	Visited: Dashboard		
[2025-05-30 15:33:30]	[Admin: LAGUNA PHO ADMIN]	Visited: Dashboard		
[2025-05-30 15:33:31]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-30 15:33:38]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-30 15:33:38]	[Admin: LAGUNA PHO ADMIN]	Updated status of account ID 9 to active		
[2025-05-30 15:33:39]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-30 15:33:43]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-30 15:33:43]	[Admin: LAGUNA PHO ADMIN]	Updated status of account ID 11 to active		
[2025-05-30 15:33:44]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-30 15:33:48]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-30 15:33:48]	[Admin: LAGUNA PHO ADMIN]	Updated status of account ID 13 to active		
[2025-05-30 15:33:50]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-30 15:34:03]	[Admin: LAGUNA PHO ADMIN]	Visited: Dashboard		
[2025-05-30 15:34:05]	[Admin: LAGUNA PHO ADMIN]	Visited: Municipality		
[2025-05-31 09:09:51]	[Admin: LAGUNA PHO ADMIN]	Visited: Dashboard		
[2025-05-31 09:09:59]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-31 09:10:01]	[Admin: LAGUNA PHO ADMIN]	Visited: Requestor/ Patient List		
[2025-05-31 09:10:01]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-31 09:10:09]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-31 09:10:09]	[Admin: LAGUNA PHO ADMIN]	Updated status of account ID 12 to lock		
[2025-05-31 09:10:11]	[Admin: LAGUNA PHO ADMIN]	Visited: Coordinator/s		
[2025-05-31 09:10:32]	[Admin: LAGUNA PHO ADMIN]	Visited: Requestor/ Patient List		
[2025-05-31 09:10:36]	[Admin: LAGUNA PHO ADMIN]	Visited: Municipality		
[2025-05-31 09:10:53]	[Admin: LAGUNA PHO ADMIN]	Visited: Municipality		
[2025-05-31 09:10:53]	[Admin: LAGUNA PHO ADMIN]	Added new municipality: California		
[2025-05-31 09:10:54]	[Admin: LAGUNA PHO ADMIN]	Visited: Municipality		
[2025-05-31 09:11:06]	[Admin: LAGUNA PHO ADMIN]	Visited: Requestor/ Patient List		
[2025-05-31 09:11:12]	[Admin: LAGUNA PHO ADMIN]	Visited: Dashboard		
[2025-05-31 16:38:10]	[Admin: LAGUNA PHO ADMIN]	Visited: Dashboard		

Name	Date modified	Type	Size
 activity_log	5/31/2025 10:38 PM	Text Document	10 KB
 coordinators	5/30/2025 9:07 PM	PHP Source File	10 KB
 footer	10/6/2024 11:44 AM	PHP Source File	15 KB
 guarantee_letter	5/23/2025 9:51 AM	PHP Source File	7 KB
 header	10/6/2024 12:38 PM	PHP Source File	8 KB
 index	5/30/2025 5:21 PM	PHP Source File	18 KB
 logger	5/30/2025 5:12 PM	PHP Source File	1 KB
 municipality	5/30/2025 9:09 PM	PHP Source File	4 KB
 profile	5/30/2025 5:21 PM	PHP Source File	10 KB
 requestors	5/30/2025 5:21 PM	PHP Source File	43 KB
 requestors_cancel	5/19/2024 1:08 PM	PHP Source File	1 KB
 requestors_edit	10/6/2024 7:26 AM	PHP Source File	13 KB
 sidebar	5/19/2024 9:51 AM	PHP Source File	2 KB

Name	Date modified	Type	Size
 .git	5/23/2025 9:50 AM	File folder	
 .idea	5/23/2025 9:50 AM	File folder	
 assets	5/23/2025 9:50 AM	File folder	
 data	5/23/2025 9:50 AM	File folder	
 db	5/23/2025 9:50 AM	File folder	
 login	5/23/2025 9:50 AM	File folder	
 upload	5/23/2025 9:50 AM	File folder	
 users	5/30/2025 5:06 PM	File folder	
 .gitignore	5/18/2024 4:33 PM	Git Ignore Source ...	1 KB
 connection	5/18/2024 4:37 PM	PHP Source File	1 KB
 index	5/30/2025 9:33 PM	PHP Source File	7 KB
 logout	10/21/2022 11:21 AM	PHP Source File	1 KB
 READ ME	5/19/2024 8:25 PM	Text Document	1 KB
 README	5/18/2024 5:38 PM	Markdown Source...	1 KB

Slide 5: Lessons Learned

- Applying real-world automation using native PHP
- Importance of offline security auditing in web systems
- How to implement file-based logging in PHP
- Practicing modular code organization and version control