

1. Iterative Development Supports Continuous Improvement

✦ **Source:** Garcia et al. (2024)

Finding: Iterative development allows repeated development and testing cycles, improving system reliability and functionality over time—especially useful in traditional project management.

Relation to Your System: Your system also uses the **iterative methodology**, which helps you refine features like document uploads, evaluation modules, and role-based access based on real user feedback during development.

2. Institutional Repositories and their Role in Knowledge Management: A Study of PAU Repository

🔗 **Source:** Kumar (2022)

Finding: Institutional repositories preserve and disseminate research and contribute to scholarly communication. Librarians and faculty play key roles in managing content and promoting its visibility.

Relation to Your System: Your system functions as a **digital institutional repository** where librarians, faculty, and students collaborate to store, manage, and access capstone research outputs—enhancing academic sharing and transparency.

3. Reusable Security Requirements Repository Implementation Based on Application/ System Components

🔗 **Source:** Sonmez & Kilic (2021)

Finding: Repositories that share reusable security and functional requirements improve development efficiency and standardization.

Relation to Your System: Your system adopts **role-based access control**, ensuring security by limiting document access and editing rights—supporting the call for standardized, secure repository systems.

4. A Web Based Digital Repository for Scholarly Publication

 **Source:** Okon et al. (2020)

Finding: Digital repositories like DSpace effectively manage faculty and student research outputs, improving access and scalability across institutions.

Relation to Your System: Like DSpace, your system aims to **digitally archive capstone projects**, offering features such as search, categorization, and role-specific access—helping manage growing volumes of student work.

5. Development of a responsive web-based Final-Year Project Repository System (FYPRS) for Nigerian Tertiary Institutions

 **Source:** Uzougbo & Kolade (2024)

Finding: Laravel enables the development of systems with user authentication, project submission, evaluation, and search features.

Relation to Your System: Your repository is **built on Laravel**, directly benefiting from its strengths in authentication, modular design, and maintainability—mirroring this successful foreign implementation.

6. Development of an Online Repository for Academic Research Works in FUTA

 **Itiola et al. (2021)** – FUTA Research Repository

Finding: Paper-based systems are inefficient; digital repositories increase research visibility and storage reliability.

Relation: Your system digitizes manual capstone storage and access, resolving document loss and improving efficiency.

7. DEVELOPMENT OF WEB-BASED REPOSITORY SYSTEM FOR YOUTH SCIENCE CLUB (YSC) IN SENIOR HIGH SCHOOL X

 **Source:** Lula & Rosalina (2023)

Finding: Centralized storage for student works helps reduce repeated topics and makes referencing past studies easier for students and teachers.

Relation to Your System: Your repository allows students to **view previous capstone titles and abstracts**, helping avoid duplication and encouraging research continuity.

8. Web-Based Archival Systems Solve Manual Document Handling Issues


Implementation of a Web-based Data Archival Management System

 **Source:** Mkpojiogu et al. (2020)

Finding: Digital systems reduce reliance on physical records, improve workflow, and ensure secure file sharing and long-term access.

Relation to Your System: Your project **solves the current manual storage problem** in your institution by digitizing capstone archiving and retrieval, reducing risks of loss or damage.

9. Web-based Data Archival Management System


 Akusu et al. (2020) – Veritas University

Finding: Web repositories improve visibility of research work and allow scalability across institutions.

Relation: Your system increases visibility of capstone projects and can be scaled for future use across more departments.

PH Local Literature


WEB-BASED REPOSITORY OF RESEARCH OUTPUTS FOR CITY COLLEGE OF TAGAYTAY

 Ronquillo et al. (2023) – City College of Tagaytay

Finding: A repository improves how students and faculty retrieve academic works.

Relation: Your system enables easy digital access to capstone documents, unlike the current manual library log process at your school.


Design and Development of the ASSET: A Web-Based Research Archiving System

 *Tindoc Jr. et al. (2023)* – ASSET System

Finding: Web-based archiving systems minimize physical storage needs and offer long-term data preservation.

Relation: Your system stores capstone outputs digitally, reducing the burden on physical file cabinets and shelves.


R2S: A REPOSITORY PLATFORM FOR RESEARCH OFFICES IN THE HIGHER EDUCATION INSTITUTION (HEI's) IN THE PHILIPPINES

 *Cofino et al. (2022)* – R2S Platform

Finding: Limiting system access by user role ensures security and accountability in academic repositories.

Relation: Your system applies strict role-based access for librarians, panelists, advisers, and students to protect content integrity.


Developing Digital Research Portal for Bukidnon State University's Scholarly Work

 *Caseres et al. (2020)* – BukSU RRMS

Finding: Online research systems promote interaction between faculty and students, improving research quality.

Relation: Your system encourages collaboration through shared access to previous capstones and centralized adviser-student review.


THESISIT: WEB-BASED UNIVERSITY THESIS MANAGEMENT PORTAL WITH A DEFENSE SCHEDULING SYSTEM

 *Chio et al. (2022)* – THESISIT

Finding: Online portals streamline defense schedules, adviser feedback, and progress tracking.

Relation: Your system includes comment and evaluation modules for panelists and advisers, improving communication and feedback.

Design and Development of Romblon State University Romblon Campus Accreditation Data Warehouse. Romblon State University

 *Mariño et al. (2023)* – Romblon State University

Finding: Repositories assist in documentation needed for program accreditation.

Relation: Your system supports document tracking for the Dean and Research Coordinator, useful in accreditation and reporting.

Web-based document management system for shop drawings [Master's thesis, De La Salle University]. Animo Repository.

 *Tabernilla (2020)* – DLSU Document System

Finding: Web systems improve retrieval and submission through chat features and storage tracking.

Relation: Your system improves retrieval by including advanced search filters and keyword tagging.


Development of a Web-based records management system: an ERMS initiative for the Office of Senior Citizen Affairs in the Philippines. Records Management Journal.

 *Botangen et al. (2025)* – ERMS for Senior Citizens Office

Finding: Web-based record systems offer robust document handling and reporting tools.

Relation: Your system includes modules for generating reports by research coordinators, librarians, and the dean.

Web-Based Management System for Joseph Precast Ornaments. AMA Computer College

 *Siang (2022)* – AMA Web System

Finding: User authentication and secure logins protect system use and sensitive records.

Relation: Your system integrates password recovery, secure login, and user role validation to ensure data integrity.