

SU Digital Repository: A Digital Archive for Silliman University Academic Papers

A Capstone Project presented to the faculty of the College of Computer Studies
Silliman University

In partial fulfillment of the
requirements for the degree of
Bachelor of Science in Information Technology

Deanne Mitchill Agir

Kyle Angelee Estabillo

Renz Joshua B. Labiaga

June 2022

This is where a digital repository comes in. Digital repositories are systems that manage, store, preserve, and allow access to digitized information. Since repositories are online, they meet the growing demand for materials to be easy to find and easy to access. [1] More and more universities and organizations not only in the Philippines but also overseas have digital repositories because they are easier to manage and help to keep students' papers for a longer amount of time.

The Silliman University Digital Repository will be an online resource that primarily houses a collection of outstanding theses, capstone research, and final requirement documents submitted by Silliman University students. It will incorporate elements and final requirement pieces from all of the University's colleges, institutes, and schools. While the Silliman Library has a dedicated section for Academic Materials such as these, students are not allowed to take them out of the campus and can only be borrowed and read within the school library. This online repository would make it easier for Sillimanians to access the previous years' papers, as it can be accessed anywhere with an internet connection, and because it is a free service for Sillimanian Students and Sillimanian faculty and staff.

1.5 Definition of Terms

Table 1 - Definition of Terms

TERMS	DEFINITION
SU Digital Repository	A web application that hosts a well-organized and maintained collection of academic papers submitted by Silliman students for easy consultation and use.
Academic Materials/Documents/Papers	Specifically documents of final requirements in undergraduate courses. (e.g. Capstones, Theses papers produced by Sillimanians)
Digital Archive	An online platform for storing digital resources for safekeeping.

3.4 Minimum Hardware and Software Requirements

Table 2. Minimum Hardware Requirements during Development

Monitor	13” Monitor or bigger with VGA
Microprocessor	Intel I3 4th Gen
RAM	4GB
Internet	Required

Table 3. Minimum Software Requirements during Development

Internet Browser	Any Browser will do
VS Code	Version 2019 or later
MySQL	Updated version in their website
Hostinger	Updated version in their website
Laravel	Version 9
Dia or Microsoft Visio	Version 2014
Figma	Updated version in their website
uizard	Updated version in their website

Table 4. Minimum Software Requirements during Implementation

Internet Browser	Any Browser will do
VS Code	Version 2019 or later
MySQL	Updated version in their website
Hostinger	Updated version in their website
Laravel	Version 9
Dia or Microsoft Visio	Version 2014
Figma	Updated version in their website
uizard	Updated version in their website