

Faculty of Information Technology

Computer Science Department

Library management system

(E-library)

Graduation Project (1) Report

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Declaration

We hereby acknowledge that the work presented in this document report and the ideas based upon are the group members own unless stated otherwise and properly cited in text and referenced at the end of the document.

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# Terminologies

What is meant here by terminology, will ask the doc.

Abstract

*In today's digital age, e-libraries have become an essential tool for students and researchers. This e-library aims to provide a comprehensive collection of academic references for various majors in universities. The library is accessible online, making it easy for students to search for and access resources from anywhere and at any time. The collection is updated regularly with new additions and revisions to existing content to ensure that students have access to the latest research and information. The e-library aims to support the academic pursuits of students and researchers by providing them with a reliable source of information.*

# Chapter 1: Introduction

This chapter is about illustrating the description of the challenge (problem statement) and the solution, related work to be done and the Technology and tools that were going to use later so we can implement our project (website)

## Description of the Challenge/Problem/Opportunity

The problem is that we students are having problems collecting information about our course of subject.

…. To be completed

## Description of the Solution

The e-library is a unique digital resource that allows students to upload and share their academic references with their peers. This library caters to various majors in universities, including but not limited to Information Technology, Business, Engineering, Medicine, Law, and Social Sciences. The library's collection includes books, research papers, journal articles, and other relevant resources, which are contributed by students with experience in the major or subject.

The e-library is designed to facilitate collaboration between students, allowing them to share their academic resources and experiences with their peers. Students can upload their own resources, which they find useful and share them with their peers, ensuring that the e-library's collection is always up-to-date and comprehensive.

The e-library has a user-friendly interface that is easy to navigate, allowing students to search for resources based on their specific needs and interests. The library is organized by majors, with each major having a dedicated section that contains resources specific to their field of study. The library's search feature also allows students to find resources based on keywords or topics.

The e-library encourages students to contribute to the library, ensuring that the library's collection continues to grow and expand. The library's community-driven approach promotes collaboration and knowledge-sharing among students and researchers.

The e-library is accessible online, making it convenient for students to access resources from anywhere and at any time. The library's digital format also allows for easy sharing of resources, making it an excellent collaborative tool for students and researchers.

Overall, the e-library is a valuable resource for students and researchers from different majors. The e-library's community-driven approach, user-friendly interface, and access to student-generated content make it a reliable source of information to support students' academic pursuits.

## Literature Review (related work)

In this related work, we are going to see and upgrade on other students project that made this project similar...

Chrome extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.daitm.org.in/wp-content/uploads/2019/04/Gr.-06library-project-report.pdf

## Technology and tools to be used

Later on.

# Chapter 2: Project Plan

In this chapter, it illustrates about the project objectives, project scope, and the software process model that we are going to use for us to do the project, also project scheduling.



## Project Objectives

* Provide students in the university with the new up to date academic references.
* Provide students in the university to ability to share and upload their academic resources.
* Provide students to search for resources (Books...Etc.) Based on their specific needs.
* Provide students a user friendly interface that it easy to navigate.
* Provide students the ability to download the required book if available.
* Provide students with video tutorials.
  + An admin login page where admin can add books , videos or page sources
  + Open link for learning websites

## Project Scope

## Software Process Model

## Project Schedule

## Project Schedule Chart(s) (Bar/Gantt Chart)

# Chapter 3: Requirements and Analysis



## Functional Requirements

## 

## Non-Functional Requirements

# Chapter 4: Architecture and Design



## Architecture

## Use Case Diagram

## Use Cases Descriptions/Flow of Events

## Activity Diagram

## Class Diagram

## Entity Relationship Diagram

# Chapter 5: Conclusion & Future Work



## Conclusion

## Future work

# Appendix

# References