



**Development of TeachHops: A Web-Based ERP System for School HR, Operations, and
Library Management**

UNDERGRADUATE THESIS

**Submitted as one of the requirements to obtain
Sarjana Komputer**

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**FACULTY OF COMPUTER SCIENCE
INFORMATION SYSTEM STUDY PROGRAM
CIKARANG
AUGUST, 2025**

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ABSTRACT

A library is one of the important facilities in the school environment that serves as a source of knowledge for students. However, library management in schools is still done manually, so it sometimes causes obstacles, such as difficulties in recording book loans and returns, and lack of real-time information about book collections. With the development of technology today, the purpose of this project is to build a web-based information system that can help schools, especially librarians to manage library circulation, to be more efficient and structured. The features of this system include, book data collection, list of student members, list of student visits to the library, borrowing and returning books, and managing fines. This project is built using PHP with Laravel as a framework and MySQL as a database.

TABLE OF CONTENTS

STATEMENT OF ORIGINALITY.....	4
SCIENTIFIC PUBLICATION APPROVAL FOR ACADEMIC INTEREST.....	5
ADVISOR APPROVAL FOR JOURNAL/INSTITUTION'S REPOSITORY.....	6
SIMILARITY INDEX REPORT.....	7
ABSTRACT.....	9
DEDICATION.....	2
ACKNOWLEDGMENTS.....	2
TABLE OF CONTENTS.....	4
F100.....	7
1.1 Product Description.....	7
1.2 Problem Formulation.....	8
1.2.1 Background of the Problem.....	8
1.2.2 Problem Statement.....	9
1.2.3 Objective.....	9
1.3 Problem Functional Analysis.....	9
1.3.1 Functionality : Library Management.....	9
1.4 Solution Selection.....	10
1.4.1 Alternative Solution 1: Web-Based ERP System.....	10
1.4.2 Alternative Solution 2: Standalone Software for Each Function.....	10
1.4.3 Alternative Solution 3: Spreadsheet-Based System.....	10
1.4.4 Solution Selection.....	11
1.6 Development Effort.....	13
1.6.1 Man-months.....	13
1.6.2 Machine-Months.....	13
1.6.3 Development Tools.....	13
1.6.4 Expert Needs.....	14
1.6.5 Cost Estimation.....	14
1.6.6 Test Equipment.....	15
1.6.7 Timelines.....	15
F200.....	19
2.1 Existing and Proposed System.....	19
2.1.1 Existing Business Process.....	19

2.1.2 Proposed Business Process.....	20
2.2 Global Description of the Product.....	21
2.2.1 Main Functionality.....	21
2.2.2 User Characteristics.....	21
2.2.3 Constraints.....	21
2.2.4 Product Development Environment.....	22
2.2.5 Product Operational Environment.....	23
2.3 Requirement Analysis.....	24
2.3.1 External Interface.....	24
2.3.2 Functional Description.....	27
3.2.3 Data Requirement from user’s perspective.....	29
3.2.4 Functional Requirement.....	40
3.2.5 Non-Functional Requirement.....	50
F300.....	53
3.1 Alternative Solution Design.....	53
3.1.1 Alternative Solution 1: Web-Based ERP System.....	53
3.1.2 Alternative Solution 2: Standalone Software for Each Function.....	55
3.1.3 Alternative Solution 3: Manual Processes with Spreadsheet Automation....	56
3.2 Alternative Solution Design.....	58
3.2.1 Comparison Table.....	58
3.2.2 Quantitative Solution Selection.....	59
3.2.3 Solution Selection.....	63
3.3 Hierarchical/Iterative Design.....	65
3.3.1 Data Flow Diagram of Web-Based ERP System.....	65
3.3.2 Scrum Methodology to Implement Steps in Software Engineering Design.	72
3.3.3 Detail of Component and Library Used.....	74
3.3.4 Unified Modeling Language 2.0.....	75
3.4 Verification Demonstration and Proof of Design Process.....	80
3.5 Standard Used.....	80
3.6 Implementation and Testing Plans.....	81
F400.....	83
4.1 Design Implementation.....	83
4.1.1 Functions / Procedure / Class Implementation.....	83

4.1.2 Database Implementation.....	95
4.1.3 User Interface Implementation.....	97
4.1.4 Integration Module.....	102
4.1.5 Implementation Verification.....	105
4.2 Product Display.....	108
4.2.1 Software Product Display.....	108
4.3 Component Cost Analysis.....	114
4.4 Manual Guide.....	116
4.4.1 System Build Documentation From The Source.....	116
4.4.2 System Installation.....	234
4.4.3. Network Installation.....	235
4.4.4 User Guide per User Role.....	235
4.5 Video Demonstration.....	240
F500.....	242
5.1 Restate the Problem Stated in the F-100 Document (Part in F100).....	242
5.2 Restate the Specifications Stated in the F200 Document.....	242
5.2.1 Main Functionality.....	242
5.2.2 User Characteristics.....	243
5.2.3 Constraints.....	243
5.2.4. Product Development Environment.....	244
5.3 Functional Testing.....	244
5.3.1 Testing results of every function in the specification (based on PART C in F100, PART C NO.4 in F200, PART D in F200).....	244
5.3.2 Present qualitative testing (example: questionnaire).....	254
5.3.3 Detail the test procedures that are carried out according to the design.....	254
5.3.4 Procedures for the demo are created and verified.....	254
5.4 Testing Other Specification.....	255
5.4.1 Non-functional specifications such as size, weight, etc., that are included in the document (PART C NO. 5 F200).....	255
5.4.2 A photo/recording of the test is shown in the document.....	258
Appendices.....	263