

Project Report Format

1. Cover Page

- Title of the Project (in bold and ALL CAPS)
- Full Name(s) of Student(s)
- Register Number(s)
- Department of Computer Science
- Institution Name with Logo
- Affiliated University
- Month and Year of Submission
- Guide/Supervisor's Name with designation

2. Declaration by Student

I hereby declare that this project report titled "**PROJECT TITLE**" submitted in partial fulfillment of the requirements for the degree of **Bachelor of Computer Science**, is my own work carried out under the guidance of [**Guide Name**], during the academic year [**YEAR**].

3. Certificate by Guide

- Certification by the Guide/Supervisor
- College Seal and Signature of Head of Department (HOD)
- Internal Guide's Name and Signature

4. Acknowledgement

Thankfulness to:

- Internal Guide
- Department faculty
- Lab staff
- Friends or contributors

5. Abstract

- 200–300 words
- Summarizes objective, tools/technologies used, implementation, key findings

6. Table of Contents

- Auto-generated with page numbers (headings, subheadings, references, etc.)

7. List of Figures

- All diagrams with page numbers

8. List of Tables

- If used, list with page numbers

Body of Report

Chapter 1: Introduction

- Introduction to the domain
- Problem Statement

- Objectives of the project
- Scope of the project
- Tools/Technologies Used
- Methodology outline

Chapter 2: Literature Survey

- Existing Systems or previous research
- Limitations of existing methods
- Summary of related works (journals, articles, tools)
- References with proper citations

Chapter 3: System Analysis

- Requirements Analysis
- Functional and Non-functional Requirements
- Feasibility Study
- Use Case Diagrams

Chapter 4: System Design

- System Architecture
- Data Flow Diagrams (DFD)
- UML Diagrams: Class, Sequence, Activity, etc.
- Database Design (ER Diagram, Schema)

Chapter 5: Implementation

- Modules Description
- Technologies Used (Front-end, Back-end)
- Code Snippets (selective)
- Screenshots of output pages

Chapter 6: Testing

- Types of Testing done: Unit, Integration, System, etc.
- Test cases and test results
- Bug fixes (if any)

Chapter 7: Results and Discussion

- Final output/results achieved
- Comparison with existing systems (if applicable)
- Analysis of performance or efficiency

Chapter 8: Conclusion and Future Work

- Recap of what was achieved
- Limitations
- Future Enhancements

References

- Journals, Books, Websites (APA/IEEE preferred)

Appendices

- Source code (optional or partial)
- User Manual
- Screenshots
- Survey/Questionnaire (if any)

Optional Inclusions:

- **Plagiarism Certificate**
- **Internship Certificate**
- **Guide's Feedback Form**
- **Turnitin Report (if mandated)**

Sample Report: Library Management System

Cover Page

LIBRARY MANAGEMENT SYSTEM

Submitted by
Evangeline
Register Number: **UG002**



Department of Computer Science
Jayarani Arts and Science College for Women, Salem
Affiliated to **Periyar University, Salem**

Under the Guidance of
Dr. D. Arul Pon Daniel, Assistant Professor
October 2025

Declaration

I hereby declare that this project report titled “**LIBRARY MANAGEMENT SYSTEM**” submitted in partial fulfillment of the requirements for the degree of **Bachelor of Computer Science** is my original work carried out under the guidance of **Dr. D. Arul Pon Daniel**, Assistant Professor, during the academic year **2025**.

Evangeline
Register Number: **UG002**

Certificate

This is to certify that the project report entitled “**LIBRARY MANAGEMENT SYSTEM**” is a bonafide record of the work carried out by **Evangeline** (Register Number: **UG002**) under my guidance in partial fulfillment of the requirements for the award of the degree of **Bachelor of Computer Science** by **Periyar University, Salem** during the academic year **2025**.

Dr. D. Arul Pon Daniel
Assistant Professor (Project Guide)

Head of the Department
(Seal and Signature)

Acknowledgement

I would like to express my heartfelt gratitude to my project guide **Dr. D. Arul Pon Daniel**, Assistant Professor, for his valuable guidance, encouragement, and support throughout the project.

I also extend my sincere thanks to the Head of the Department, all faculty members, and my friends for their constant support and encouragement.

Finally, I thank my family and the almighty for blessing me with the strength and determination to complete this project successfully.

Abstract

The **Library Management System** is designed to manage and automate library operations including the cataloging, issuing, and returning of books. The system streamlines various library tasks, enabling faster service for users and better inventory tracking for administrators. The project employs modern database systems and user-friendly interfaces to deliver a comprehensive solution that improves efficiency and minimizes manual errors.

Table of Contents

1. Introduction
2. Literature Survey
3. System Analysis
4. System Design
5. Implementation
6. Testing
7. Results and Discussion
8. Conclusion and Future Work
9. References
10. Appendices