Project Planning Document (Phase 1)

Project Name: Integrated Library Management System

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1. Problem Statement

The current library management process is handled manually, leading to frequent errors, inefficiencies, and difficulties in maintaining accurate records of books and borrowers. Manual tracking increases the risk of lost records, delayed updates, and incorrect fine calculations.

2. Project Objectives

- To automate the library system and transfer manual tasks into a computer-based system.

- To reduce the time members and the Librarian spend on library procedures.

3. Scope of Work

- Adding and removing books.

- Managing the book catalogue.

- Processing the borrowing and returning of books.

- Automated fine calculation.

- Member management.

4. Assumptions and Constraints

- **Assumptions:** The Librarian possesses basic computer literacy , and the library has hardware capable of running a database application.

- **Constraints:** The system must be simple enough for the Librarian to master within 3–4 hours of training.