Here is the specific content you can copy and paste into your project documents for the "**Library Management System.**"

Phase 1: Planning

1. **Problem Statement**
   "The current manual system for managing the community library relies on paper-based index cards. This process is inefficient, leading to frequent errors in tracking borrowed books, difficulty in locating specific titles, and a lack of real-time inventory visibility. Librarians spend excessive time manually writing loan records, and members often face delays during checkout."

2. **Objectives**
   * To develop a computerized Library Management System (LMS) that automates the borrowing and returning of books.
   * To reduce the time spent on transaction recording by 50%.
   * To provide a search facility for librarians to quickly locate books by title or author.

3. **Scope**
   In-Scope:
   Book Management: Add, update, and delete book records (Title, Author, ISBN, Category).
   Member Management: Register new members and update member details.
   Transaction Management: Issue books to members and process book returns.
   Search: Allow librarians to search the catalog.

   Out-of-Scope:
   Online reservation system for members.
   Barcode scanning integration (manual entry only).
   Inter-library loan processing.

4. **Assumptions & Constraints**
   - Assumption: The library has a Windows PC capable of running Python/Java applications.
   - Constraint: The project must be completed within 14 days.
   - Constraint: The team is limited to three developers.