8. Preliminary Schedule and Budget

- Timeline — 4 months for development,
- Budget — $ 70,000 for dev and testing
  Split up → (Stage 1 –110,000, Stage 2 – 25,000, Stage 3 –630,00
  Library Management System   Stage 4 –115,000)

SRS Document :-

1. Introduction :

1.1 Purpose :— To automate library operations like cataloging, inventory management, and user tracking.

1.2 Scope :— Covers borrowing, return and fine collection, reducing manual work.

1.3 Overview :— Manages book inventory, and manages user data for streamlined library services.

2. General Description :—
The system manages book inventories, lending processes and user data. Users include librarian, students, and faculty.

3. Functional Requirements :—

→ Borrowing and returning books.
→ Catalog search for users
→ Overdue fine calculation and notification.
→

4. Interface Requirements

→ Web interface for login and book search
→ Integration with student databases for user verification.

5. Performance Requirements

→ Processes book loans within 3 seconds
→ Manage upto 1000 concurrent users.

6. Design Constraints

→ Limited to the library's existing hardware infrastructure.
→ Use of relational database to store book and user information.

7. Non-Functional Requirements

→ High reliability for uninterrupted library services
→ User-friendly interface for ease of use by non-technical staff.

8. Preliminary Schedule

→ Timeline : 5 months for development
→ Budget : $ 50,000 for full implementation
Split up :-

Stage 1	-	$ 5,000
Stage 2	-	$ 10,000
Stage 3	-	$ 25,000
Stage 4		$ 10,000