

6/10/24

classmate

Date

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## Library Management System:

### 1. Introduction:

1.1 Purpose of this document to provide insights on library management system.

1.2 Scope of this document The document provides description about library management system and it must be completed in 45 days.

#### 1.3 Overview:

The system keeps the track of people who have borrowed book with books ID and borrower ID.

### 2. General Description:

borrower authorization:- The Librarian should enter valid credential and details of the borrower that is borrower ID, Book ID, Book Title, Date of issue, and date of return, and mobile number.

The system should generate an SMS reminder to the registered mobile number.

### 3. Functional requirement:

→ The librarian must be able to retrieve the details of borrower

→ The librarian must be able to register a new user.

→ The system should have record of borrower and the availability of book.

#### 4. Interface requirement:

- The system should have text field where they can search for a book.
- ~~One~~ The details of book like Title, author and description should be seen.

#### 5. Performance Requirement:

The system should not exceed 4 sec of response time and must be able to run on 8gb and 256 gb ram and i7 system.

#### 6. Design constraints:

User-friendly UI and mongoDB should be used for database.

#### 7. Non-functional requirement

- The system must work on both macos and windows.
- Accessible at all time.

#### 8. Preliminary Schedule and Budget:

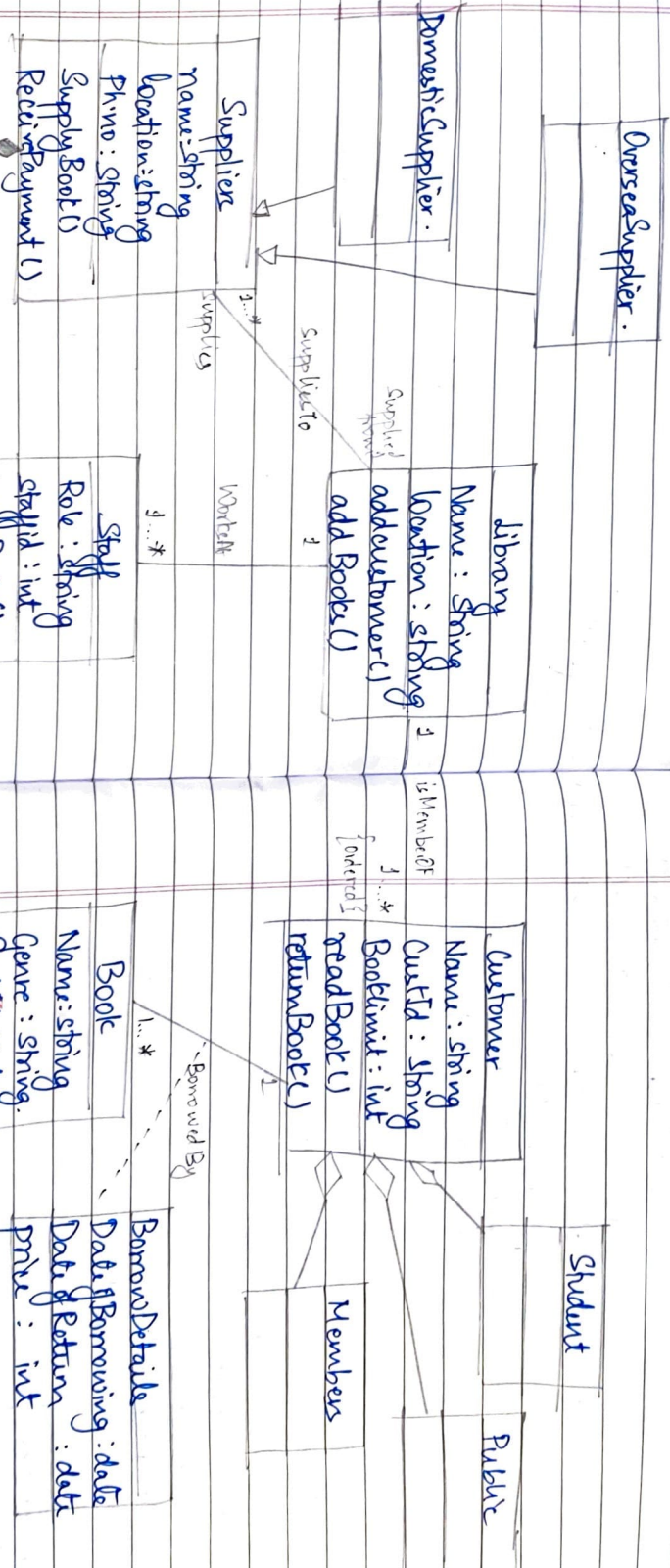
The project must be completed within 45 days.

Total budget is 100000.

30/9/2024



# Library Management System :-



SupplierRepresentative	name: string	phone: string	updateDetails()
Manager	name: string	phone: string	manageEmployee()
Employee	name: string	pNo: string	
Genre	name: string		
Publication	name: string		
Non-Fictional	name: string		

