

1. Lab Experiment # 01
2. Lab Title: Preparation of Project Idea/Proposal
3. Objective:

Library Management Systems are a great way to monitor books, add them, update information in it, search for the suitable one, issue it, and return it when needed. This Library Management System Project is developed in Java, to provide all the features that a Library Management System should usually have and overcome the drawbacks of the present system such as:

4. Team Description:

Sl no	Roll	Name	Role
1	21225103242	Bulbul Ahmed	Team Leader
2	21225103256	Biplob Hossen	
3	21225103266	Abid kawser	
4	21225103104	Suborna	
5	21225103227	Shahadat hossen	

5. Selected Project Title: Library Management System
6. Project Proposal :

INTRODUCTION:

The project titled "Library Management System" is a Library management software for monitoring and controlling the transactions in a library.

The project "Library Management System" is developed in java, which mainly focuses on basic operations in a library like adding new member, new books, and updating new information, searching books and members to borrow and return books.

"Library Management System" is a windows application written for 32/64-bit Windows operating systems, designed to help users maintain and organize library. Our software is easy to use for both beginners and advanced users. It features a familiar and well thought-out, an attractive user interface.

The software Library Management System has four main modules. 1. Insertion to Database Module - User friendly input screen

2. Extracting from Database module - Attractive Output Screen
3. Report Generation module - borrowed book list & Available booklist
4. Search Facility system - search for books and members

About Project:

Library Management Systems are a great way to monitor books, add them, update information in it, search for the suitable one, issue it, and return it when needed. This Library Management System Project is developed in Java, to provide all the features that a Library Management System should usually have and overcome the drawbacks of the present system such as:

- Paper-based record keeping.
- Mis-management of data due to manual and paper-based handling.
- A vast amount of time consumption in searching for books and library management.
- Book-thefts from the library.

Available Modules:

- * Login Module
- * Account Management
- * Student management Module
- * Book management Module
- * Issue Book
- * Return Book
- * View Records

Advantages of this System:

- * Easy to use
- * User friendly Interface
- * Easy to manage library books and students

7. work breakdown structure (WBS): JAVA,MYSQL

8. Requirements:

- I. hardware Requirements: PC ,Keyboard,Mousse.
- II. software Requirements: Netbin,MySQL,Microsoft Word.

9. My Role: About Project

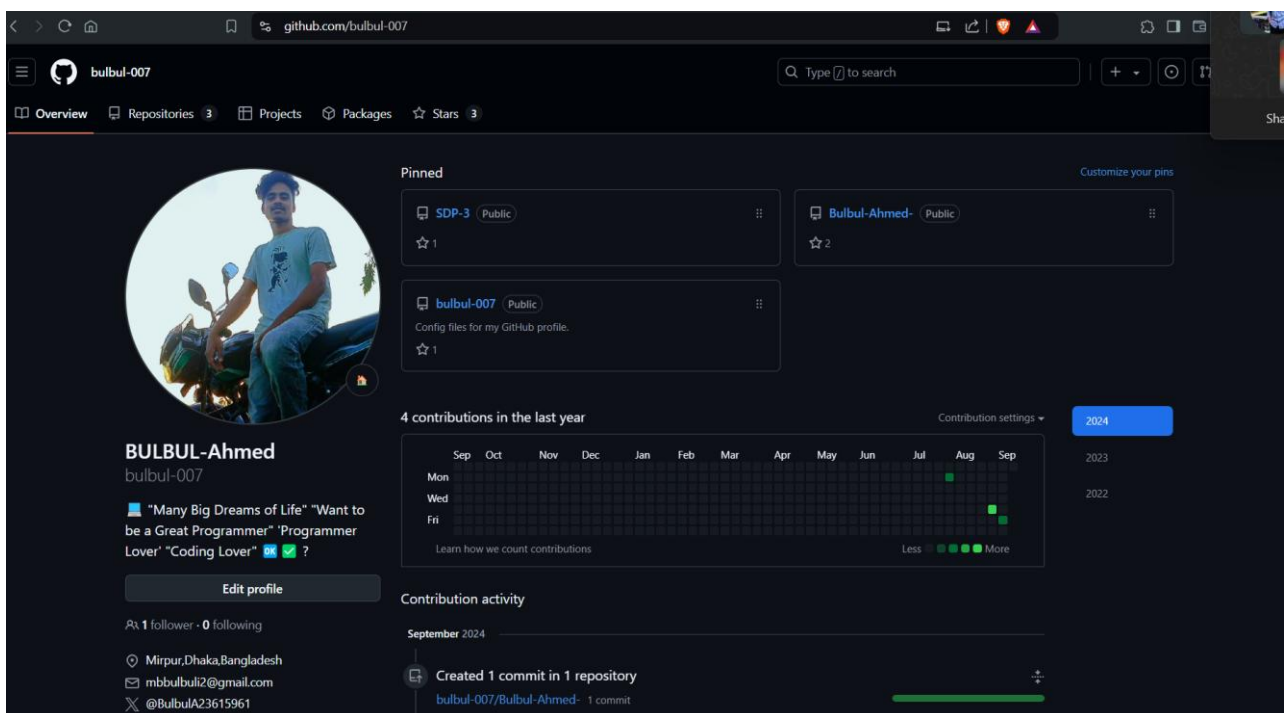
10. (a) Project Dependencies

(b) Timeline:

(To complete up to Front-end works)

11. GitHub account creation and include your account link (Add screenshot of your account):

<https://github.com/bulbul-007>



12. Discussion:

The Library management system needs to be computerized to reduce human errors and to increase the efficiency. The proposed Library management system in this proposal will be a computerized management system developed to maintain all the daily work of library. Library management systems are designed to store all the information about books and members.

The main focus of this project is to lessen human effort and encourage efficient record keeping.

Though we are making an offline version. If we able to make online version and also a student (member) viewing section through creating account on this system.