



**Green University of Bangladesh**  
**Department of Computer Science and Engineering (CSE)**  
**Faculty of Sciences and Engineering**  
**Semester: (Spring, Year:2022), B.Sc. in CSE (Day)**

**LAB PROJECT PROPOSAL**

**“IT CLUB MANAGEMENT”**

**Course Title: Data Structure Lab**  
**Course Code: CSE-106    Section: DA**

**Student Details**

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| <b><u>Project Proposal Status</u></b> |                         |
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| <b>Marks: .....</b>                   | <b>Signature: .....</b> |
| <b>Comments: .....</b>                | <b>Date: .....</b>      |

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# 1. IT CLUB MANAGEMENT SYSTEM

An IT club management system is a software platform designed to facilitate the day-to-day activities of an IT club, improve member engagement and communication, and collect valuable data for analysis. The system aims to increase efficiency and effectiveness by providing a centralized location for all club-related information and activities, improving communication between members and club administrators, and increasing accountability among club members. The system can be developed using various programming languages, web development frameworks, database management systems, and cloud services. Overall, an IT club management system can help improve the functioning and success of an IT club.

## 2. PROBLEMDOMAIN & MOTIVATIONS

IT club management system addresses is the inefficiency and lack of organization in managing the activities of an IT club. Traditional methods of managing clubs can be time-consuming, error-prone, and lack transparency, leading to missed opportunities and low member engagement.

There are several motivations for developing an IT club management system project:

- **Streamline Club Activities:** A club management system can streamline the various activities of an IT club, such as event planning, member management, and communication.
- **Efficiency:** With an IT club management system, club administrators can easily manage the day-to-day operations of the club. This can save time and resources and help the club run more efficiently.
- **Improved Communication:** The management system can be used to enhance communication between club members and club administrators. The platform can be used to share important announcements, schedule events, and send reminders to members.
- **Better Member Engagement:** An IT club management system can help to improve member engagement by providing a centralized location for club information and activities. Members can easily access information about upcoming events, past events, and other club-related information.
- **Data Analysis:** The system can collect and store data about the club's activities, such as attendance and event participation. This data can be analyzed to identify trends and patterns, which can help to improve the club's operations and activities.
- **Increased Accountability:** A club management system can help to increase accountability among club members by tracking attendance and participation in events. This can encourage members to be more involved and engaged in the club's activities.

Overall, an IT club management system can help to improve the efficiency, communication, and engagement of an IT club. It can also provide valuable data for analysis and help to increase accountability among club members.

### 3. OBJECTIVES/AIMS

An IT club management system is to provide a platform that helps manage and streamline the day-to-day activities of an IT club, improve communication and member engagement, and collect valuable data for analysis. IT club management system is to increase the efficiency and effectiveness of an IT club by providing a centralized location for all club-related information and activities, facilitating communication between members and club administrators, and increasing accountability among club members. Overall, the aim is to improve the functioning and success of the IT club.

### 4. TOOLS & TECHNOLOGIES

**IDE:** CODEBLOCKS 20.03 & VISUAL STUDIO.

**BACK-END DEVELOPEMENT:** C PROGRAMMING LANGUAGE

**OPERATION SYSTEM:** WINDOWS 11

### 5. CONCLUSION

An IT club management system project can help streamline club activities, improve communication and member engagement, and provide valuable data for analysis. With the right tools and technologies, this project can provide a centralized location for all club-related information and activities, making it easier for club administrators to manage the day-to-day operations of the club.