Group Number: A21

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Coursework Title: Project Proposal

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| Deadline Date: 25/10/2023 | Member of staff responsible for coursework: Mr. Pramudya Thilakaratne |

Programme:  BSc (Hons) Software Engineering

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***We confirm that we have read and understood the Plymouth University regulations relating to Assessment Offences and that we are aware of the possible penalties for any breach of these regulations.  We confirm that this is the independent work of the group.***

Signed on behalf of the group:

Use of translation software: failure to declare that translation software or a similar writing aid has been used will be treated as an assessment offence.

I *have used/not used translation software.

**Overall mark _____%        Assessors Initials _____        Date_____**

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## Introduction

In today's university environment, students are seeking opportunities to engage in extracurricular activities, and enrich their university life. Clubs and societies of universities play a vital role in creating this vibrant university experience. NSBM Green University also has a large number of active clubs and societies that enrich the student life of NSBM undergraduates and that sharpen their skills and talents. They offer students the opportunity to explore their passions, develop new skills, and connect with like-minded individuals. However, the process of discovering, joining, and staying informed about university clubs and societies can be challenging and students often face challenges when trying to explore and join these organizations and the events they organize. Some such challenges are:

- Lack of centralized information: Students may find it difficult to access accurate and up-to-date information about the available clubs, societies, and their events.

- Time-consuming enrollment processes: Joining clubs and societies may require students to attend multiple in-person meetings or navigate through complex enrollment procedures.

- Limited awareness: Students may not be aware of the variety of clubs and societies that cater to their interests and passions.

In addition to this, the committee members of the clubs and societies of NSBM also face issues in enrolling members for their respective clubs and societies and also in gathering participants for their events.

To address these challenges, we propose the development of a comprehensive website aimed at NSBM Green University students. This website will serve as a one-stop solution for students to explore, enroll in, and engage with university clubs and societies, as well as stay up to date with their events and activities.

By the implementing of this site users can gain following advantages

- **Simplified Enrollment**: Students can easily explore and join clubs and societies aligned with their interests. Students can also register as participants of the events or as volunteers of the events organized by these clubs and societies, through this website.

- **Effective Communication**: Club leaders can efficiently communicate with members through built-in email system. Students who are interested in a specific club or society can receive reminders and special notifications of that respective club or society through this email system.

- **Comprehensive Information**: Users can access all club and society details, events, including objectives, meeting schedules, and leadership teams.

- **Event Tracking**: The event calendar keeps students informed about upcoming activities, events and meetings.

- **Prospective Student Engagement**: Prospective students can learn about the vibrant extracurricular scene at the university.

During the background research done, its shows that, even though there are some websites that provide information about the clubs and societies of NSBM Green University there is no feature or option for the students to get enrolled with those club and societies. Also, most of those websites are not up to date. So eventually this proposed website will solve those problems that the undergraduates of NSBM Green University faces, and also this will provide information for the students who are willing to pursue a degree can get to know how interesting the student life is at NSBM and the advantages and hand on experiences that undergraduates receive from the extra curriculum activities.

## Objectives

The primary objectives of this project are as follows:

1. Providing a centralized platform where students can browse, search, and explore detailed information about all university clubs and societies.

2. Offering an easy and efficient enrollment process that allows students to join multiple clubs and societies with minimal effort.

3. Promoting awareness of club and society events by showcasing their schedules, announcements, and activities.

4. Providing the option for students to get registered with the events of clubs and societies as participants.

5. Facilitating communication between club leaders and potential members through a messaging system.

6. Fostering a sense of community and belonging among students by encouraging active participation in extracurricular activities.

## Target users

To ensure the success of this proposed University Clubs and Societies Enrollment Website, it is crucial to understand the diverse range of users who will interact with the platform. The website is designed to cater to the following primary user groups:

1. **NSBM Green University Students**: The core users of the website are students of NSBM Green University from various backgrounds, academic disciplines, and interests. These students seek opportunities to engage in extracurricular activities, make new friends, and enhance their university experience.

2. **Prospective Students**: Prospective students considering enrollment at the university can use the platform to explore the rich array of clubs and societies available. This can be a factor influencing their choice of institution.

3. **Students of other Universities**: The students of other universities can also get to know about the events and activities conducted by NSBM Green University and also they can easily register with the events where external participants can participate.

4. **Club and Society Leaders**: Club leaders and society organizers are another key user group. They require tools for managing their groups, communicating with members, and promoting their events effectively.

5. **University Administrators**: University administrators, including student affairs managers and club registration authorities, can use this platform to oversee and support the club and society ecosystem. They may also need access to data and analytics for monitoring engagement and participation.

6. **Alumni**: Alumni who want to stay connected with their university and mentor or support current students may use the platform to find out about the latest activities and events within the alumni clubs.

# System Features and Description

1. **Club and Society Listings:**

   - A comprehensive database of university clubs and societies with detailed profiles.

   - Search and filter options enable students to find clubs and societies that match their interests, major, or location.

2. **Enrollment and Membership Management:**

   - Students can easily enroll in clubs and societies of their choice with a simple click.

   - Club leaders and organizers can manage their member lists, approve requests, and communicate with members through the platform.

   - Also, by using the 'interested option' the students can receive email notifications about the latest events and activities of their interested clubs and societies.

3. **Event Calendar:**

   - An interactive and dynamic event calendar displays all upcoming events, meetings, workshops, and activities organized by clubs and societies.

4. **Messaging and Announcements:**

   - Integrated messaging features allow club leaders to send updates, announcements, and newsletters to their members through emails.

   - Announcements and messages are organized for easy access and communication.

5. **Administrative Controls:**

   - University administrators can oversee and manage club registrations, ensuring compliance with university policies.

➢ Note: If time permits, we expect to create a simple mobile application as well. From the mobile application the users will be directed to the website. We will be developing the website in a fully responsive way.

# Time Frame

| ID | Name | Se... 24 | Oct, 23 01 | 08 | 15 | 22 | Nov, 23 29 | 05 | 12 | 19 | 26 | Dec, 23 03 | 10 | 17 | 24 | Jan, 24 31 | 07 | 14 | 21 | 28 | Feb, 24 04 | 11 | 18 | 25 | Mar, 24 03 | 10 | 17 | 24 | Apr, 24 31 | 07 | 14 | 21 |
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