Department Of Computer Science and Engineering

LEADING UNIVERSITY

LU Clubs

Course Code: 4801

SUPERVISED BY ;

Rana M Luthfur Rahman Pir

Assistant Professor

Department Of Computer Science & Engineering

AUTHORS :

Name	ID
Md. Shazadur Rahman	1932020013
Pritom Mitra Pranto	1932020008

Date of Submission:

17th September, 2024

Approval

The project "**LU Clubs**" submitted by Md. Shazadur Rahman, ID 1932020013 & Pritom Mitra Pranto, ID 1932020008 respectively to the Department Computer Science and Engineering, Leading university has been accepted as satisfactory in partial fulfillment for the requirement of Project-II.

Approved By:

Rana M Luthfur Rahman Pir
Assistant Professor
Department Of Computer Science & Engineering, LU

_____
SUPERVISOR

Certificate of Acceptance of the Project :

The project entitled **LU Clubs** submitted by students

1. Md. Shazadur Rahman, ID: 1932020013
2. Pritom Mitra Pranto, ID: 1932020008

Id a Website carried out under supervision of Rana M Luthfur Rahman Pir (Assistant Professor).

We, hereby, approved that the report be submitted in the partial fulfillment of the requirements for the award of his Bachelor Degree.

_____   _____

Head of Dept.   **Supervisor**

Rumel M. S. Rahman Pir   Rana M Luthfur Rahman Pir
Associate Professor & Head   Assistant Professor
Department of CSE   Department of CSE
Leading University, Sylhet   Leading University, Sylhet

DECLARATION

The work here is original and to the best of our knowledge, it has never been presented anywhere else for academic or any other purpose.

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Md. Shazadur Rahman
ID: 1932020013

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Pritom Mitra Pranto
ID: 1932020008

DEDICATION

We express our heartfelt gratitude first and foremost to the parents, and to all the faculty, stuff, and support personnel of the Department of Computer Science and Engineering of Leading University for their relentless and effort that have helped shape who we are today.

To
Head of the Department,
Department Computer Science and Engineering,
Leading university, Sylhet.

Subject: An application for permission to approve project-II proposal.

Sir,
With due respect and humble submission to state that, we would like to inform you that we are the student of CSE department, (52th batch). We are interested to making a Web base application for our 4th year project (project-II). So, we kindly need your permission to start our work as soon as possible.

So, it will be grateful for us if you are king enough to permit us and oblige us thereby.

We remain,
Sir
Your most obediently,

Md. Shazadur Rahman
ID: 1932020013

Pritom Mitra Pranto
ID: 1932020008

Work Plan

We have adhered to solid work plan to finish the job on time, and we must stick to a time schedule in months.

Task Distribution

We distribution our tasks as follows:

Time Scheduling

Work Fields	Time Limit
Background Study	15 days
Front end Designing	45 days
Backend Coding	45 days
Testing & Finalization	15 days

Figure 1: Time Scheduling

ACKOWLEDGEMENT

The Almighty has given us this chance to pursue our endeavor, and we cannot express our appreciation to him in way that would be sufficient. I'm thankful to God that we completed this task in an effective manner. In addition, we would like to thank our darling parents, without whom it would be impossible for us to be at this stage of life and within the realm of education we currently occupy. All of this is a result of their devotion to us, selflessness, and prayers. The fact that this was our first project on the Web Platform meant that we frequently ran into problems at first. But thanks department's honorable teachers, that didn't continue for very long. We keep our deepest gratitude for them close at hand. Particularly for his excellent supervision, without his assistance, direction and steering. Finally, we want to express out gratitude to all of our friends and supporters who provided us with guidance and understanding throughout this project.

LU Clubs

Leading University Clubs

Abstract

In the modern educational landscape, university clubs play a vital role in fostering student engagement, promoting extracurricular activities, and building a sense of a community among diverse student populations. To facilitate effective communication, collaboration and information sharing, the " **LU Clubs Website** " project aims to create a user-friendly and feature-rich online platform for managing and showcasing clubs in our university.

The project focuses on addressing several key objectives. Firstly, the website will provide an intuitive interface for club administrators to manage club information, events and member rosters efficiently. Secondly, it will offer students a seamless experience to explore and join clubs of their interest, sign up for events and receive updates.

Table of Contents

Chapter 1

Introduction

1.1 Project Motivation :

One day, sitting in a long time in a club booth, I asked myself, what if students could be anywhere, still they can fill up member registration and pay their fees without came in the club booth? This question gave me the motivation to work on this project.

1.2 Objective :

1. Develop an interface for easy navigation.
2. Implement a membership registration system with payment gateway.

Chapter 2

<u>Background Study</u>

We studied our university club's manual processes before we started working on this project. For example, to become a member, a person must visit the club booth, fill out the membership form, submit it, pay registration fees and collect a receipt.

It is very time-consuming and inefficient to perform these processes. To make all these processes more efficient and time-saving, we started working on a project to get them all online.

Chapter 3

Methodology

User Panel:

- Login
- Homepage
- Club Information
- Club Registration
- Payment Method

Technology:

- HTML
- CSS + Bootstrap
- JavaScript
- PHP
- GitHub
- Visual Studio Code
- XAMPP

Chapter 4

Project Structure

4.1 Data Flow Diagram
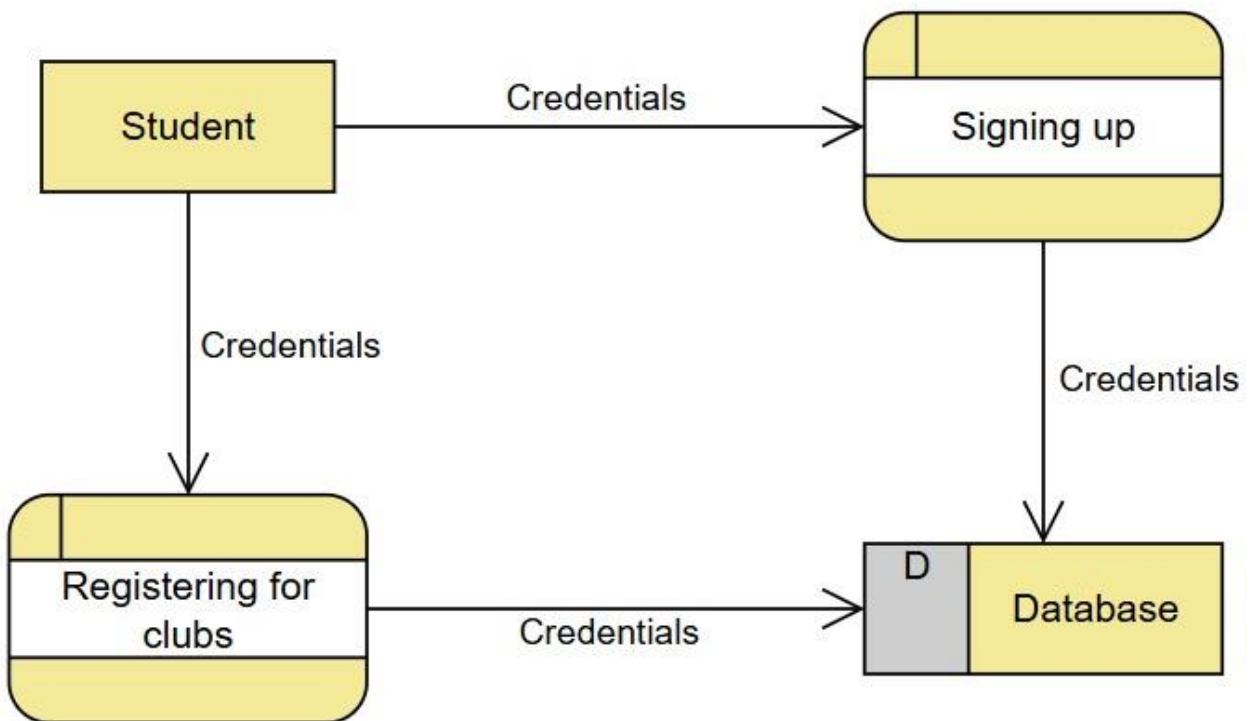
4.2 Entity-Relationship Diagram
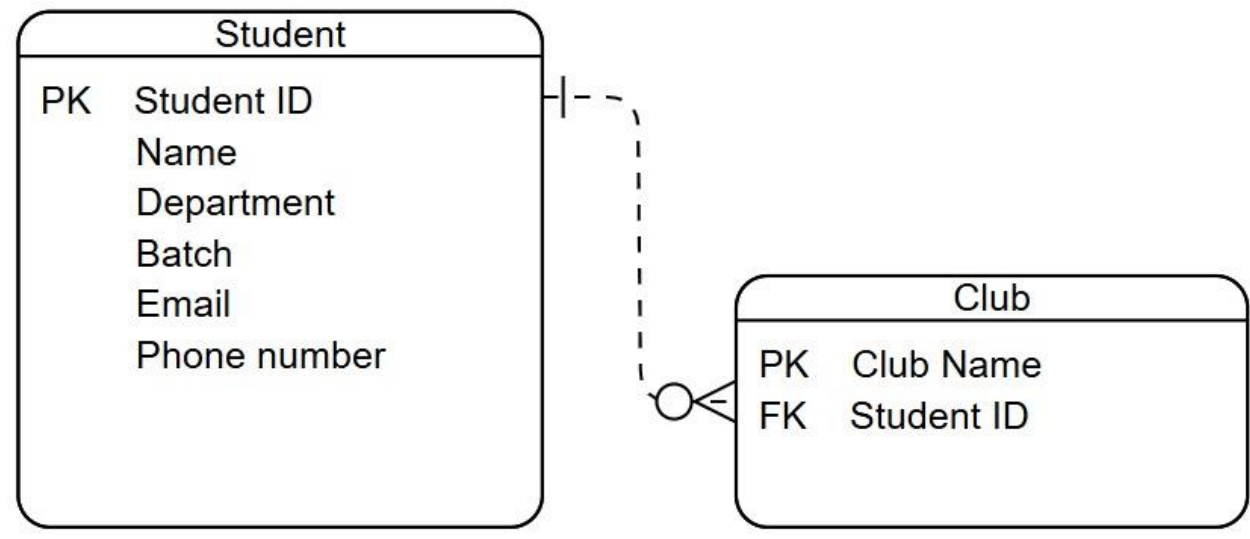
4.3 Use Case Diagram
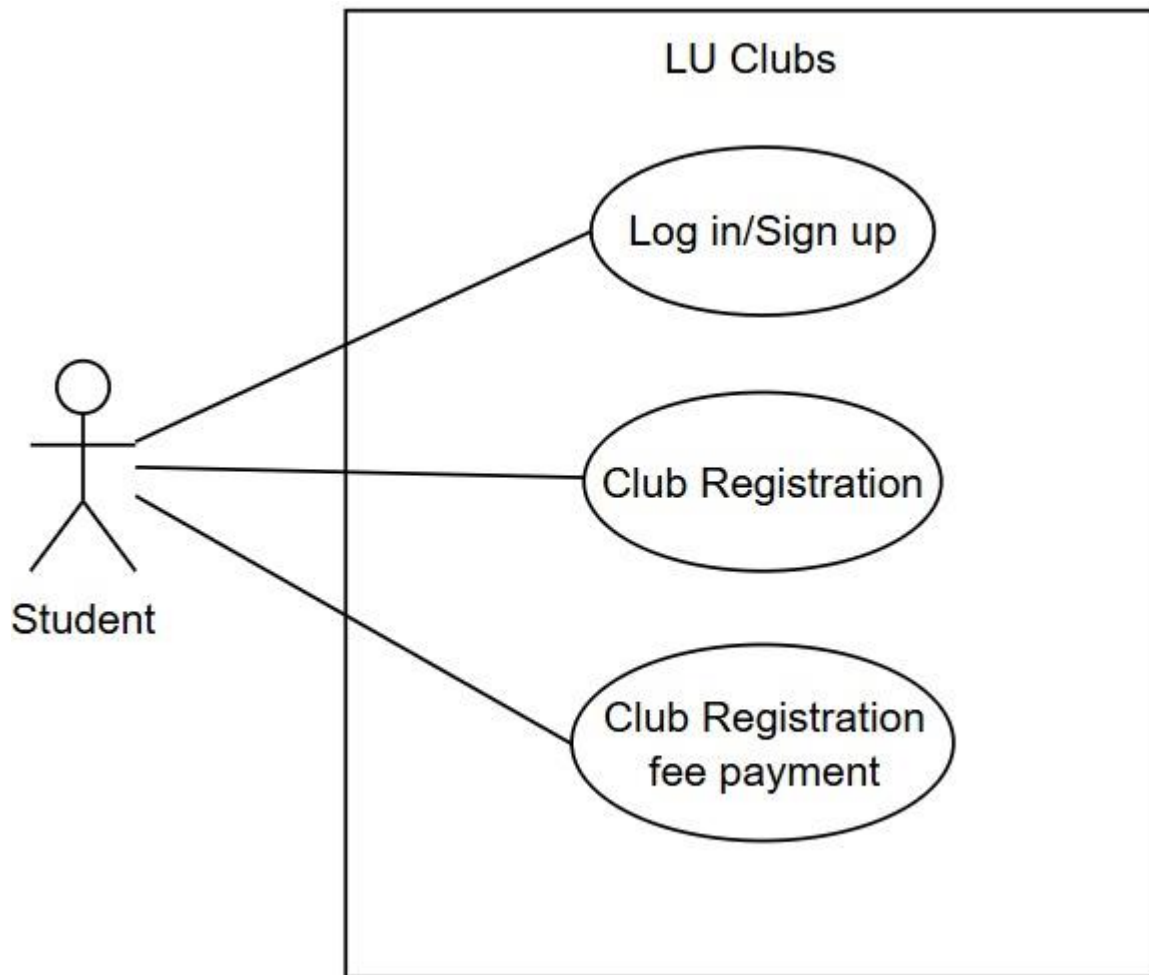
Chapter 5

Project Demonstration

5.1 Authentication Page :
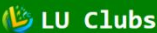
Figure 5.1 Registration For Login
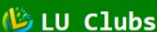
Figure 5.1 Login Page

Figure 5.1 OTP For Login

5.2 Homepage :

Figure 5.2 Home Page And Club's

5.3 Club Details :

Figure 5.3 Club Details

5.4 Club Registration :

Figure 5.4 Club's Member Registration

Figure 5.2 Member Registration Completed

Chapter 6

Conclusion

6.1 Limitation :

1. Cost: Websites are not entirely free. Keeping this website up to date will require university to hire paid professionals, purchase web hosting and domains, purchase servers and maintain constant connections and computer systems. Each of these increases expenditures.

2. Online Dependency : When this website starts working in full capacity, whole registration and payment service will be dependent on this website. So, in emergency, if internet connection or server of the website fails, the service will come to a halt.

6.2 Future Work :

1. Adding different mobile banking API for payment from website.

2. Applying API-first approach.

3. Developing Mobile Application.

4. Using Bootstrap in the website for make the website responsive.

5. Adding voice search

References:

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https://www.youtube.com/playlist?list=PLgH5QX0i9K3qLcx9DvVDWmNJ7riPvxzCD