



**LEADING UNIVERSITY**

**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:**

17<sup>th</sup> 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**

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### **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.

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### **Head of Dept.**

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

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### **Supervisor**

Rana M Luthfur Rahman Pir  
Assistant Professor  
Department of CSE  
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, staff, 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, (52<sup>th</sup> batch). We are interested to making a Web base application for our 4<sup>th</sup> 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 kind 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**

<b>Work Fields</b>	<b>Time Limit</b>
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.

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# **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**

### **Background Study**

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

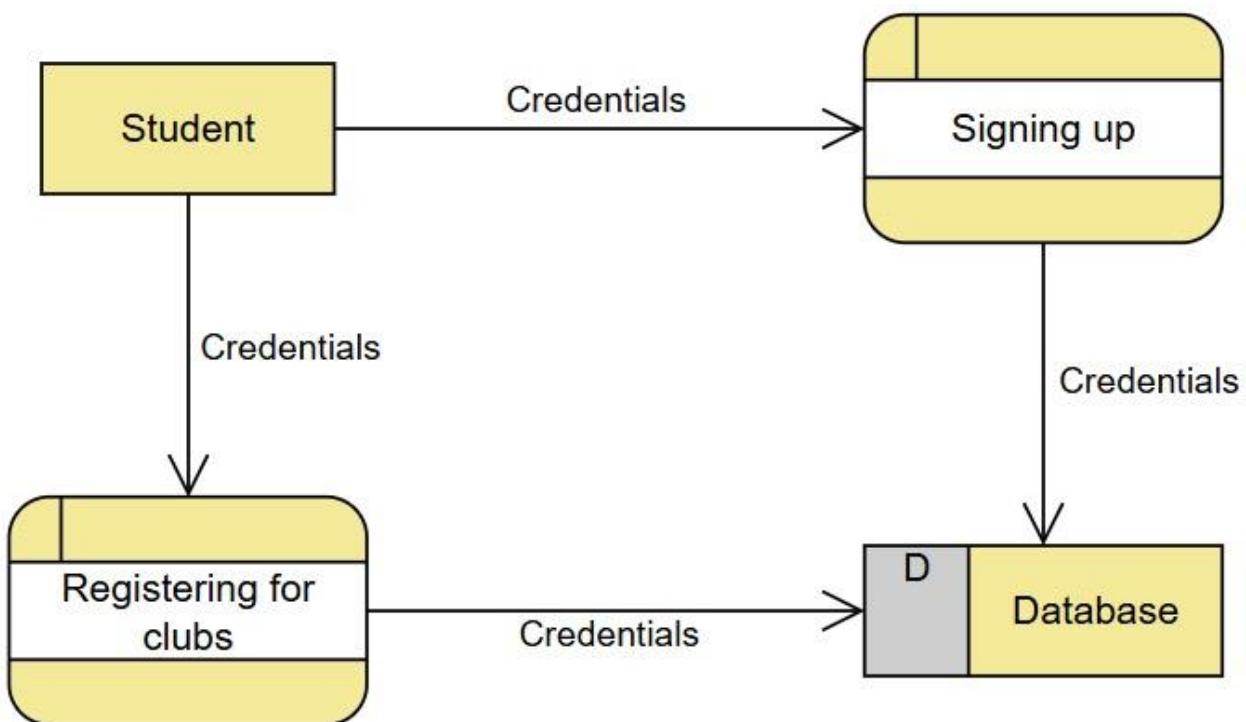
#### **Technology:**

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

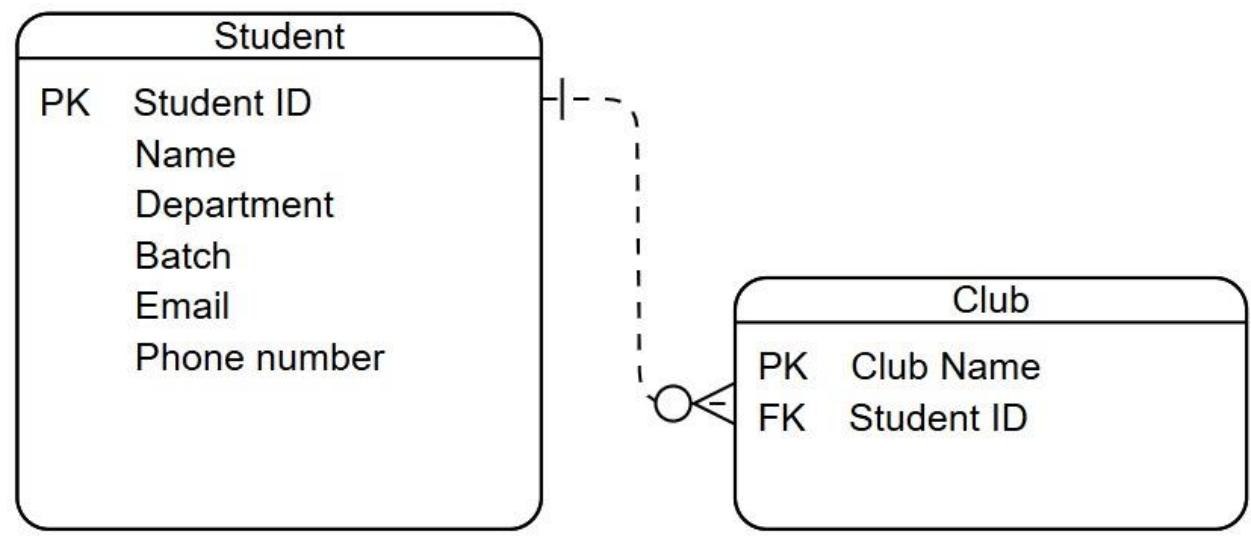
## Chapter 4

### Project Structure

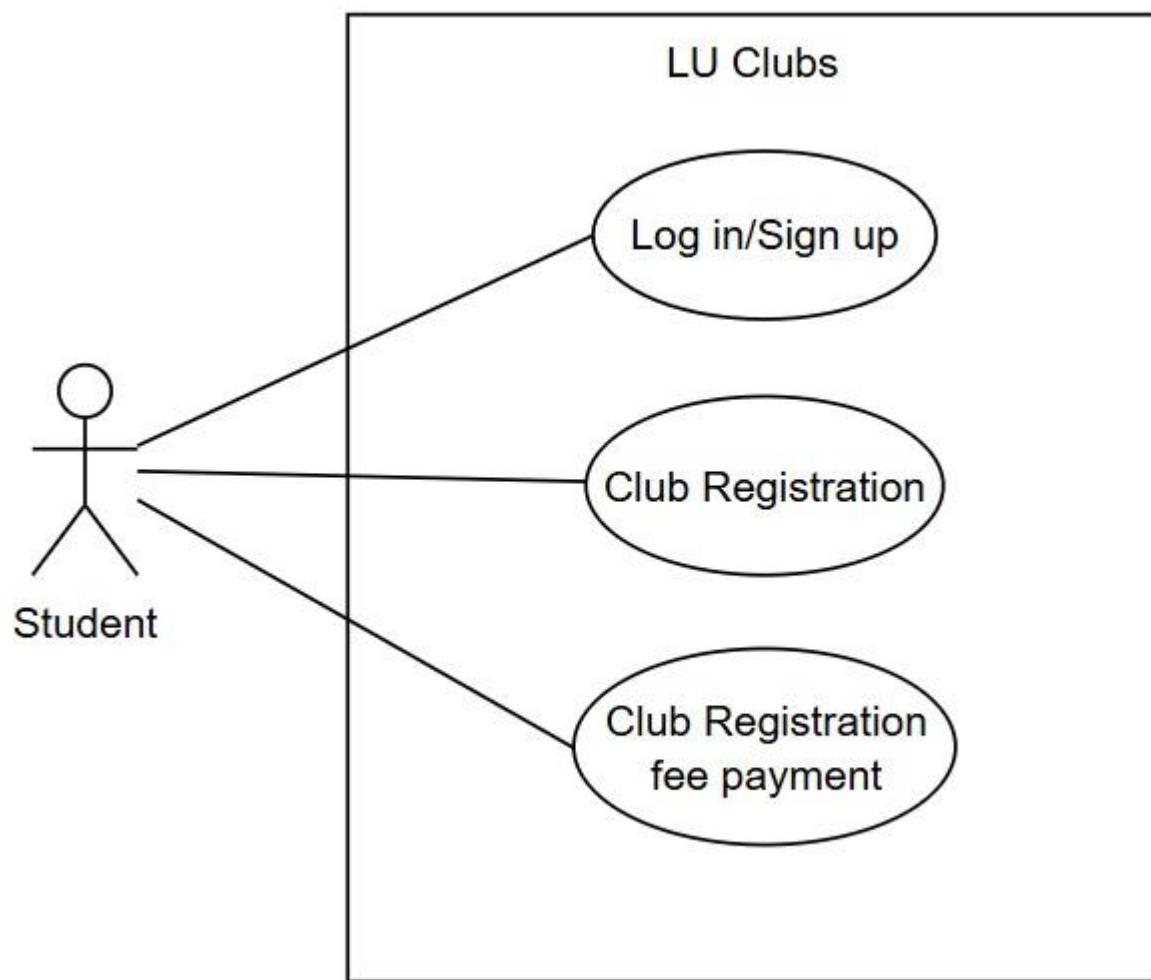
#### 4.1 Data Flow Diagram



## 4.2 Entity-Relationship Diagram



### **4.3 Use Case Diagram**



# Chapter 5

## Project Demonstration

### 5.1 Authentication Page :

The screenshot shows a registration form for LU Clubs. The header features a green bar with the LU Clubs logo and the word "Clubs". The main title "Registration" is centered in blue. The form consists of several input fields: Name (text box), Student ID (text box), Name of the Department (dropdown menu set to Computer Science & Engineering), Batch (text box), Edu Email (text box), Contact Number (text box), Password (text box), and Confirm Password (text box). A large green "Register" button is at the bottom.

Name:	Enter your name
Student ID:	Enter your student ID
Name of the Department:	Computer Science & Engineering
Batch:	Enter your Batch
Edu Email:	Enter your edu Email ID
Contact Number:	Enter your Contact number
Password:	8 - 20 digits
Confirm Password:	8 - 20 digits

**Register**

Figure 5.1 Registration For Login

 LU Clubs

  
estd. 2001  
LEADING UNIVERSITY

Welcome to Leading University Club Website

**Login Form**

---

**Login**

---

Figure 5.1 Login Page

 LU Clubs

  
estd. 2001  
LEADING UNIVERSITY

Welcome to Leading University Club Website

**OTP**

---

\* An OTP has been sent to your email.

**Submit**

---

Figure 5.1 OTP For Login

## **5.2 Homepage :**

The screenshot shows the homepage of LU Clubs. At the top, there is a green header bar with the "LU Clubs" logo on the left, a "REGISTER" button, and a "LOGIN" button on the right. Below the header is a large aerial photograph of the university's main building complex at night, illuminated by numerous lights. To the left of the building, there is a smaller image of a graduation ceremony with students in caps and gowns on a stage. To the right of the building, there is a block of text describing the university's history and current status. A "About University" button is located at the bottom right of this section. Below this, the page title "LU Clubs" is centered above a grid of twelve club logos arranged in three rows of four. Each logo includes the club's name in a green box below it.

Leading University (or LU) is one of the top private universities in Sylhet Division of Bangladesh. It was established in 2001 under the University Act 1992. It's the only campus is located in Ragib Nagar, Kamal Bazar, South Surma, Sylhet. Currently, about five thousands students study at the university under different departments and subjects. It has around 159 highly experienced academic and 100 administrative staff. Leading University (or LU) is one of the top private universities in Sylhet Division of Bangladesh. It was in established in 2001 under the Private University Act 1992. It's the only campus is located in Ragib Nagar, Kamal Bazar, South Sylhet. Currently, about five thousands students study at the university under different departments and subjects. It has around 155 the highly experienced academic and 100 administrative staff.

[About University](#)

### LU Clubs

Leading University Model UN Association

Banned Community

Leading University Sports Club

Leading University Computer Club

ORPHEUS

IEEE COMPUTER SOCIETY  
Leading University, SB Chapter

Leading University Social Services Club

Leading University Debating Club

Leading University Research Society

BNCC

Leading University Tourist Club

Leading University Photographic Society

**Figure 5.2 Home Page And Club's**

### **5.3 Club Details :**

 **LU Clubs**

PAST EVENT    LIVE EVENT    UPCOMING EVENT

## Leading University Model UN Association



Place : Leading University Campus  
Phone : +8801741-948810  
Email : lumuna@lus.ac.bd  
Facebook Page : Leading University Model UN Association

**Register Now**

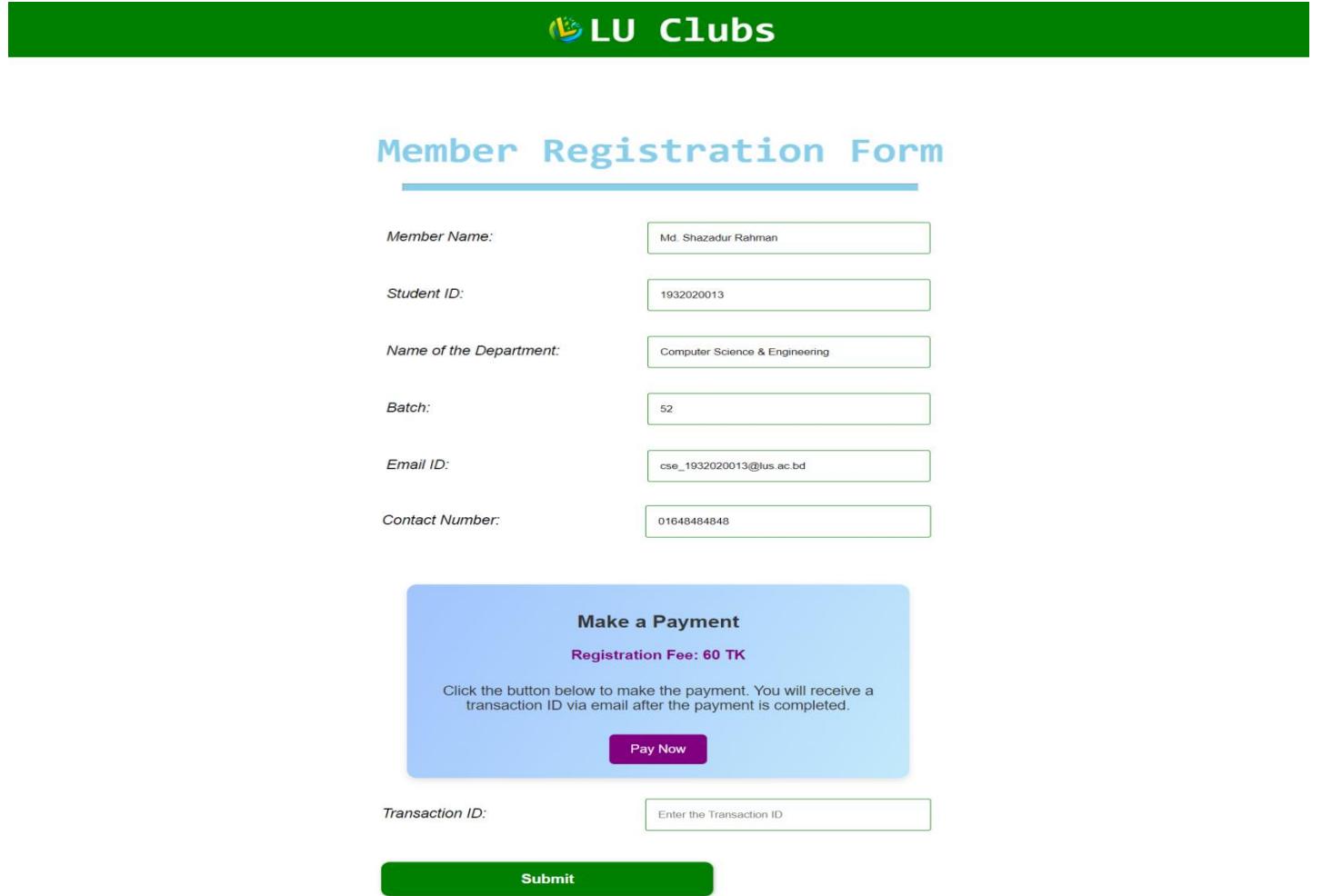
Leading University Model United Nations Association is the pioneer MUN association in the northeast region of Bangladesh. It is the first ever Model UN Association in Sylhet.

Our past MUN Conferences:

1. Leading University Intra Model United Nations Conference-2016
2. Leading University Model United Nations-2017
3. Leading University Diplomatic Convention-2017
4. Leading University Model United Nations-2018
5. Leading University Youth Conclave-2018
6. Leading University Model United Nations-2019
7. Leading University Diplomatic Convention-2019
8. Leading University Model United Nations-2020
9. Leading University Youth Conclave-2022
10. Leading University International Model United Nations-2022
11. Leading University International Model United Nations-2023

**Figure 5.3 Club Details**

#### **5.4 Club Registration :**



The image shows a member registration form for LU Clubs. At the top, there is a green header bar with the text "LU Clubs" and a logo. Below the header, the title "Member Registration Form" is displayed in blue. The form consists of several input fields for personal information: Member Name (Md. Shazadur Rahman), Student ID (1932020013), Name of the Department (Computer Science & Engineering), Batch (52), Email ID (cse\_1932020013@lus.ac.bd), and Contact Number (01648484848). Below these fields is a blue button labeled "Make a Payment" with a sub-label "Registration Fee: 60 TK". A note below the button states: "Click the button below to make the payment. You will receive a transaction ID via email after the payment is completed." A "Pay Now" button is located within this section. At the bottom of the form, there is a "Submit" button.

**Member Registration Form**

*Member Name:* Md. Shazadur Rahman

*Student ID:* 1932020013

*Name of the Department:* Computer Science & Engineering

*Batch:* 52

*Email ID:* cse\_1932020013@lus.ac.bd

*Contact Number:* 01648484848

**Make a Payment**

**Registration Fee: 60 TK**

Click the button below to make the payment. You will receive a transaction ID via email after the payment is completed.

**Pay Now**

*Transaction ID:* Enter the Transaction ID

**Submit**

**Figure 5.4 Club's Member Registration**



**LU Clubs**



LEADING UNIVERSITY

### Payment Gateway

Sender

Receiver

Amount

**Pay**



**LU Clubs**



LEADING UNIVERSITY

### Payment Gateway

OTP

**Submit**



**LU Clubs**

Md. Shazadur Rahman LOGOUT



**Registration Successful**  
Welcome to LU Clubs! Your registration has been successfully completed.

[Back to Home](#)

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:**

1. html complete course Bangla (Beginner to Advanced)

Available:

[https://www.youtube.com/playlist?list=PLgH5QX0i9K3oHBr5dsumGwjUxB\\_yN5Lnw3](https://www.youtube.com/playlist?list=PLgH5QX0i9K3oHBr5dsumGwjUxB_yN5Lnw3)

2. MySQL Database Bangla Tutorials Updated for 2023.

Available:

[https://www.youtube.com/playlist?list=PLgH5QX0i9K3qLcx9DvVDWmNJ\\_7riPvxzCD](https://www.youtube.com/playlist?list=PLgH5QX0i9K3qLcx9DvVDWmNJ_7riPvxzCD)