



Green University of Bangladesh
Department of Computer Science and
Engineering(CSE)

Faculty of Sciences and Engineering
Semester: (Spring, Year:2023), B.Sc. in CSE (Day)

Project Proposal

Course Title : Integrated Design Project II
Course Code : CSE-406 Section : 201 D2

Student Details

Name		ID
01	Al-Arafat Uddin Koraishi	201002300
02	S.M Mahmudur Rahman	201002324
03	Taslima Akter	201002070

Lab Date : 06/03/2023
Submit Date : 13/03/2023
Course Teacher's Name : Mr. Palash Roy

Contents

1	INTRODUCTION	3
2	OBJECTIVE/AIM	3
3	Requirement Analysis	3
4	UI/UX Design	5
5	CONCLUSION	16

1 INTRODUCTION

For our project we will build an interactive website for “GUCC - Green University Computer Club”. Our goal is to create an environment on campus that is hospitable to IT because the 21st century is known as the ”Century of Technology” .

The website is destined to fulfill several user requirements like member logging in, filling up different types of forms, getting all the notices in one place , information about the ongoing events, rating the club, posting vlogs, searching information etc.

2 OBJECTIVE/AIM

- to create a friendly and constructive IT environment
- to establish an IT friendly environment in campus
- to broaden the knowledge and usefulness of information technology to the students [1]

3 Requirement Analysis

1. Functional Requirement:

- System Requirement:
 - Data store: It will store the recorded files and documents and save them for future use.
 - Data retrieve: It will identify and extract datas from database based on the query provided and will enable the fetching of data.
 - Data update: It will update datas to modify the existing datas like- to add new features or to fix some problems.
- User Requirement:
 - (a) member
 - i. Log In : Any member of GUCC can log in their account using this website
 - ii. Form fill up/Participation : Members of GUCC can participate in different competitions organized by the GUCC by filling up forms provided in this website
 - iii. Searching : The members of GUCC can search for any contents in the blogging section
 - iv. Blood Donation : A member can see the available blood donors and also update his/her information on the blood donation page

(b) admin

- i. Notice Board : Admin can update the notice board of the website
- ii. Forms : Admin can upload and maintain different types of forms
- iii. Member Add/Delete/Update : Admin can update member status
- iv. Events : Admin can create,update or delete the Ongoing Events
- v. Blogs : Admin can add blogs about any events or topics
- vi. Blood Donation : Admin can approve or discard blood requests.

2. Non functional-requirement:

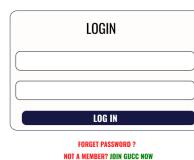
- (a) Security: Only the admin is permitted access to the sensitive data for security reasons.
- (b) Capacity : Powerful enough to meet changing demands of the client.
- (c) Compatibility
- (d) Reliability and Availability: All GUB faculty, staff, and students will have access to this website, including visitors in some features.
- (e) Maintainability: Our website is well maintained with the help of our admin.

4 UI/UX Design

Member End :

Firstly a member can login using his credentials.

GREEN UNIVERSITY COMPUTER CLUB



The image shows a login form for the Green University Computer Club. At the top, it says "GREEN UNIVERSITY COMPUTER CLUB". Below that is a "LOGIN" button. There are two input fields, one above the other, for entering credentials. At the bottom is a dark blue "LOG IN" button. Below the input fields, there are two small links: "FORGOT PASSWORD ?" and "NOT A MEMBER? JOIN GUCC NOW".

Figure 1: Login Interface

A member can use the forget password feature which requires their student ID. Using that ID, password will be sent to their corresponding email address.



The image shows the first step of the forget password process. It features the "GREEN UNIVERSITY COMPUTER CLUB" logo at the top. Below it is a "LOGIN" button. Underneath the button is a red text box containing the placeholder "ENTER YOUR STUDENT ID:". Below this is a white input field. At the bottom is a dark blue "SEND PASSWORD IN EMAIL" button.

(a) Entering ID

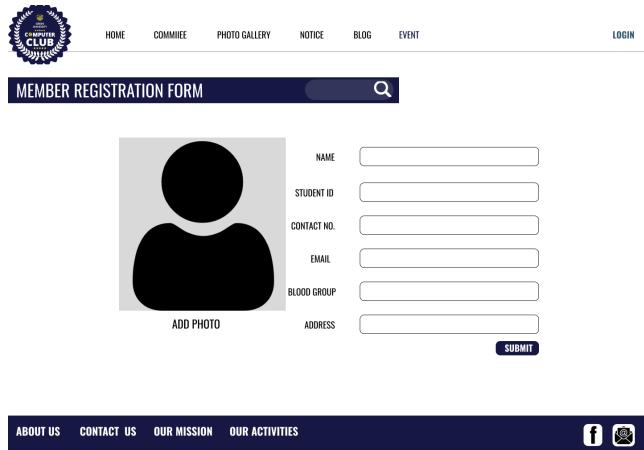


The image shows the second step of the forget password process. It features the "GREEN UNIVERSITY COMPUTER CLUB" logo at the top. Below it is a "LOGIN" button. Underneath the button is a red text box containing the message "YOUR PASSWORD HAS BEEN SENT TO YOUR EMAIL!". Below this is a white input field. At the bottom is a dark blue "LOG IN" button.

(b) Password sent to email

Figure 2: Forget Password Interface

Anyone can apply for being a member of GUCC if he is not a valid member yet. The system will take all the credentials and match the ID with registered students database. If the ID matches then the membership request will automatically accepted.



The screenshot shows the 'MEMBER REGISTRATION FORM' page. At the top, there is a logo for 'COMPUTER CLUB'. Below the logo is a navigation bar with links: HOME, COMMITTEE, PHOTO GALLERY, NOTICE, BLOG, EVENT, and LOGIN. A search bar is also present. The main form area contains fields for NAME, STUDENT ID, CONTACT NO., EMAIL, BLOOD GROUP, and ADDRESS. There is a placeholder image for an 'ADD PHOTO'. A 'SUBMIT' button is located at the bottom right of the form.

Figure 3: Member Joining Page

After successfully logging in, a member will be able to see the home page. He can choose which page he would like to see from the navigation bar at the top of the page.

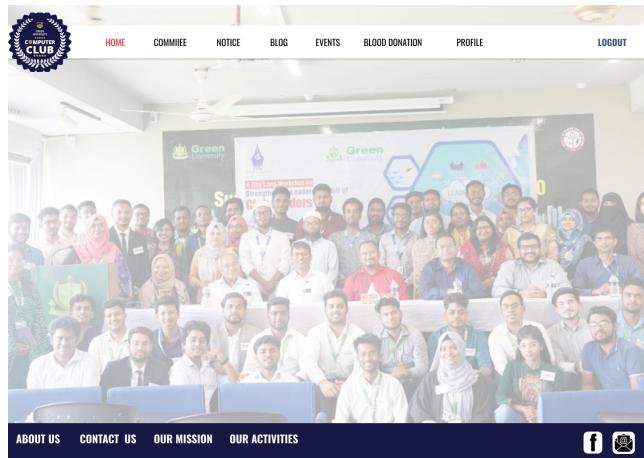


Figure 4: Home Page

A member can see the current executive committee members and their emails by clicking on the committee option from the navigation bar.

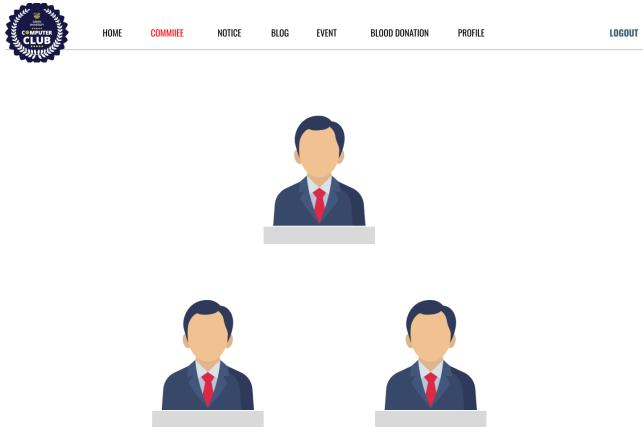


Figure 5: Committee Page

A member can see Notices on the notice page. First page contains recent notices and notice list. He can see the full notices archive by clicking on the see more option in the main notice page. It will take the member to the second page where he can see all the notices and also sort the notices semester wise.

The figure shows two screenshots of the notice page. Both pages have a header with a logo and navigation links: HOME, COMMITTEE, **NOTICE**, BLOG, EVENT, BLOOD DONATION, PROFILE, and LOGOUT. The left screenshot, labeled (a) Main Page, shows a 'RECENT NOTICES' section with four items: 'FINAL MARKUP, OUTLINE AND SPECIAL REVIEW EXAM SCHEDULE', 'EXTENSION OF DATES FOR COURSE ADVISING', '2ND ADMISSION TEST RESULT OF SPRING SEMESTER', and 'NOTICE FOR PRE-REGISTRATION'. The right screenshot, labeled (b) All Notice Page, shows a 'NOTICES' section with five items: 'FINAL MARKUP, OUTLINE AND SPECIAL REVIEW EXAM SCHEDULE', 'EXTENSION OF DATES FOR COURSE ADVISING', '2ND ADMISSION TEST RESULT OF SPRING SEMESTER', 'NOTICE FOR PRE-REGISTRATION', and 'PAYMENT NOTICE FOR DISBURSEMENT'. Both pages include a 'SEE MORE...' link at the bottom and social media sharing icons.

Figure 6: Notice Page

A member can see blogs in the blog page. The contents consists of a picture and title of the blog. Clicking on the title takes the member to the facebook post of that particular event.

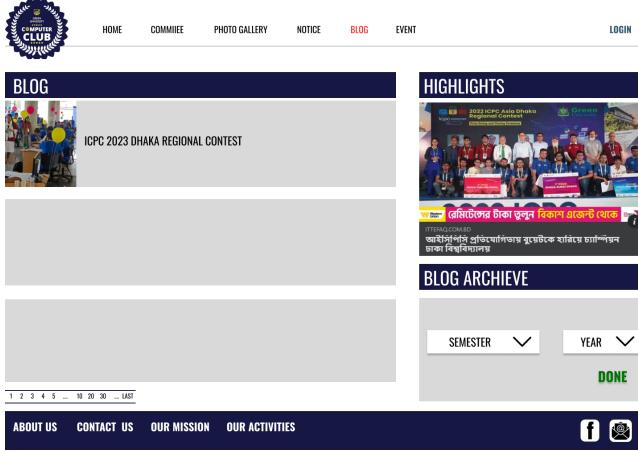


Figure 7: Blogs Page

A member can see the ongoing events and also all the events details by clicking on the right down "See more" button. The second page consists of events lists and a participation button by clicking which a member will receive a form of participation.

(a) Main Event Page

(b) All Event Page

Figure 8: Event Page

If any member clicks on the plus icon beside an event it takes him to the participation form. A member can participate in an event by filling up the form.

EVENT PARTICIPATION FORM

INTRU UNIVERSITY CONTEST 2023

NAME: _____

EMAIL: _____

STUDENT ID: _____

BATCH: _____

CONTACT NO: _____

SUBMIT

ABOUT US | CONTACT US | OUR MISSION | OUR ACTIVITIES

Figure 9: Event Form Fillup Page

A member can see the blood donation information in the corresponding page. The main page contains recent donors, recent blood requests and a map containing nearby blood donors. A member can sort nearby blood donors by selecting blood group and location. He can also see the donors info in Donors info page. He can sort the donors based on blood group.

ID	NAME	BLOOD GROUP	ADDRESS	CONTACT NUMBER
28100220	AL ANJANI DEEN KURASHI	A+	KAZIPARA	91920110201
29100224	SA HABIBA RABRIK	B	KAZIPARA	91920110208

(a) Main Blood Donation Page

ID	NAME	BLOOD GROUP	ADDRESS	CONTACT NUMBER
28100220	AL ANJANI DEEN KURASHI	A+	KAZIPARA	91920110201
29100224	SA HABIBA RABRIK	B	KAZIPARA	91920110208

(b) Donors Info Page

Figure 10: Blood Donation Page

A member can see the blood requests and also add a request by filling a form.

(a) Blood Requests Page

ID	Name	BLOOD GROUP	ADDRESS	CONTACT NUMBER	REQUEST DATE
ZYB001	AL-ARAYAT UDIN KORASHI	B+	SIVAKAMAL	01713200	06/07/2018 240 120
ZYB002	MARYAM KADIRAH KABOO	B+	KAZIPARA	01712300	08/07/2018 080 100

ABOUT US CONTACT US OUR MISSION OUR ACTIVITIES [F](#) [G](#)

(b) Blood Reques Form

NAME: _____
 BLOOD GROUP: _____
 ID: _____
 CONTACT ME: _____
 ADDRESS: _____

SEARCH

ABOUT US CONTACT US OUR MISSION OUR ACTIVITIES [F](#) [G](#)

Figure 11: Blood Request Page

A member can see his profile in the Member Profile page. He can update his credentials in that page.

(a) Memeber Profile Page

NAME	AL-ARAYAT UDIN KORASHI
GUSC ID	20105200
EMAIL	udin105@gmail.com
BIRTH	1990-01-01
CONTACT	01713200
ADDRESS	KAZIPARA, KAMPUR 10
OLD GROUP	A+

MEMBER INFORMATION
UPDATE PASSWORD

ABOUT US CONTACT US OUR MISSION OUR ACTIVITIES [F](#) [G](#)

(b) Update Member Info Page

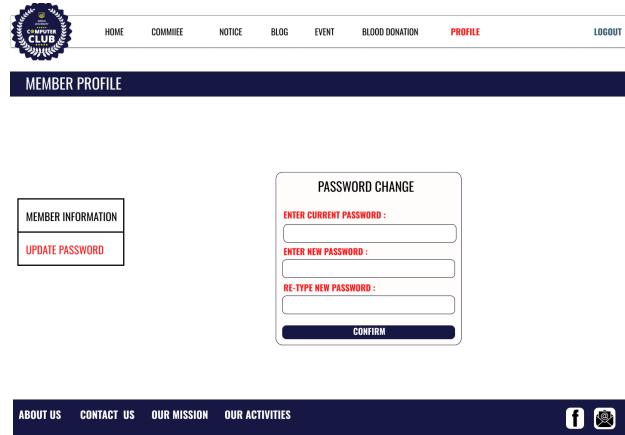
NAME: _____
 EMAIL: _____
 CONTACT NO: _____
 ADDRESS: _____

SEARCH

ABOUT US CONTACT US OUR MISSION OUR ACTIVITIES [F](#) [G](#)

Figure 12: Member Profile

A member can also update their password using their old password.



The screenshot shows a member profile page with a navigation bar at the top. The navigation bar includes links for HOME, COMMITTEE, NOTICE, BLOG, EVENT, BLOOD DONATION, PROFILE (which is highlighted in red), and LOGOUT. Below the navigation bar is a dark blue header bar with the text "MEMBER PROFILE". On the left, there is a sidebar with two buttons: "MEMBER INFORMATION" and "UPDATE PASSWORD". The main content area is titled "PASSWORD CHANGE" and contains three input fields: "ENTER CURRENT PASSWORD:", "ENTER NEW PASSWORD:", and "RE-TYPE NEW PASSWORD:". At the bottom of this form is a "CONFIRM" button. At the very bottom of the page is a dark blue footer bar with links for ABOUT US, CONTACT US, OUR MISSION, OUR ACTIVITIES, and social media icons for Facebook and YouTube.

Figure 13: Member Password Change Page

Admin End :

An admin can login using his credentials.



The screenshot shows the admin login page. It features the "GREEN UNIVERSITY COMPUTER CLUB" logo at the top. Below the logo is the text "GREEN UNIVERSITY COMPUTER CLUB". The main form is titled "LOGIN" and contains two input fields. At the bottom of the form is a green "LOG IN" button. Below the "LOG IN" button is a small link "FORGOT PASSWORD ?".

Figure 14: Admin Login Page

An admin can recover password if forgotten using his Admin ID.



(a) Entering ID

(b) Password sent to email

Figure 15: Forget Password Interface

Upon Successful login, an admin will be taken into Admin Menu. There he can choose from different pages in the navigation bar in the left.



Figure 16: Admin Menu Page

An admin can see Notice list by clicking the Notice option in the navigation bar. He can see the notice list, delete a notice or add a new notice.

The image consists of two screenshots of a web application. The left screenshot, labeled (a) Notice List, shows a table of notices with columns for Title, Date, and actions (Edit and Delete). The right screenshot, labeled (b) Adding a Notice, shows a form with fields for Title, PDF, Semester, Category, and a file input for Picture.

NOTICES	
NOTA UNIVERSITY CONTEST 2023	DATE

ADD NEW NOTICE

(b) Adding a Notice

Figure 17: Admin Notice Page

An Admin can see the blogs list by choosing the blogs option from the navigation bar. He can see the blog list, delete any blog or add a new blog.

The image consists of two screenshots of a web application. The left screenshot, labeled (a) Blog List, shows a table of blogs with columns for Title, Date, and actions (Edit and Delete). The right screenshot, labeled (b) Adding a Blog, shows a form with fields for Title, Description, Semester, and a file input for Picture.

BLOGS	
PTUA USTRA 2023	DATE
CSE CAMPUS 2023	DATE
ENGN FEST 2023	DATE
WBBU OPENING CEREMONY 2023	DATE
	DATE
	DATE
	DATE

ADD NEW BLOG

(b) Adding a Blog

Figure 18: Admin Blog Page

An Admin can also see the event list, update an event add or delete an event. He can also see the member lists who registered in a particular event.

(a) Event List

Event Name	Registration Link	Date	Action
INRA UNIVERSITY CONTEST 2023	REGISTRATION LIST	DATE	
INRA UNIVERSITY CONTEST 2023	REGISTRATION LIST	DATE	
INRA USTAR 2023	REGISTRATION LIST	DATE	
INRA UNIVERSITY CONTEST 2023	REGISTRATION LIST	DATE	
INRA UNIVERSITY CONTEST 2023	REGISTRATION LIST	DATE	
INRA UNIVERSITY CONTEST 2023	REGISTRATION LIST	DATE	
INRA UNIVERSITY CONTEST 2023	REGISTRATION LIST	DATE	

(b) Adding an Event

Title
INRA UNIVERSITY CONTEST 2023
Description
INRA UNIVERSITY CONTEST 2023
Semester
SEMESTER
Banners
Category
CATEGORY
CONFIRM

Figure 19: Admin Event Page

STUDENT ID	NAME	BATCH	ID	NAME
201002324	S.M. MAHMOUR RAHMAN	201	SMMRHASIB@GMAIL.COM	01533115269
201002300	AL-ARAFAT UDIN KORAISHI	201	IAMARAF@GMAIL.COM	017XXXXXXX
201002070	TASLIMA AKTER	201	ANONNA220@GMAIL.COM	01626659068

Figure 20: Registration List Page

An Admin can see the blood requests made by member and approve them.
An Admin can view the member lists and details of each members.



DONOR JOINING REQUESTS

NAME :	ID :	BLOOD GROUP :	DATE:	DECLINE	APPROVE
NAME :	ID :	BLOOD GROUP :	DATE:	DECLINE	APPROVE
NAME :	ID :	BLOOD GROUP :	DATE:	DECLINE	APPROVE
NAME :	ID :	BLOOD GROUP :	DATE:	DECLINE	APPROVE
1 2 3 4 5 ... 10 20 30 ... LAST					

ADMIN PANEL **LOGOUT**

- NOTICES**
- BLOGS**
- EVENTS**
- BLOOD DONATION**
- MEMBER DETAILS**
- COMMITTEE**

Figure 21: Admin Blood Requests Approval Page



MEMBERS

NAME :	ID :	EMAIL :	DESIGNATION :
NAME :	ID :	EMAIL :	DESIGNATION :
NAME :	ID :	EMAIL :	DESIGNATION :
NAME :	ID :	EMAIL :	DESIGNATION :
1 2 3 4 5 ... 10 20 30 ... LAST			

ADMIN PANEL **LOGOUT**

- NOTICES**
- BLOGS**
- EVENTS**
- BLOOD DONATION**
- MEMBER DETAILS**
- COMMITTEE**



MEMBER DETAILS

	NAME : <input type="text"/>
<input type="button" value="ADD / CHANGE PHOTO"/>	ID : <input type="text"/>
<input type="button" value="CANCEL"/>	CONTACT NO. : <input type="text"/>
<input type="button" value="CONFIRM"/>	EMAIL : <input type="text"/>
<input type="button" value="CONFIRM"/>	BLOOD GROUP : <input type="text"/>
<input type="button" value="CONFIRM"/>	ADDRESS : <input type="text"/>

ADMIN PANEL **LOGOUT**

- NOTICES**
- BLOGS**
- EVENTS**
- BLOOD DONATION**
- MEMBER DETAILS**
- COMMITTEE**

(a) Member List

(b) Member Details

Figure 22: Admin Member Info Page

An admin can view the committee members and update their credentials.



COMMITTEE

DESIGNATION	NAME	EMAIL
DEPUTY PRESIDENT	ABC	abc@gmail.com
DEPUTY PRESIDENT	ACD	acd@gmail.com
PRESIDENT	ACB	acb@gmail.com
VICE PRESIDENT	ACBIS	acb@gmail.com

ADMIN PANEL **LOGOUT**

- NOTICES**
- BLOGS**
- EVENTS**
- BLOOD DONATION**
- MEMBER DETAILS**
- COMMITTEE**



COMMITTEE DETAILS

	NAME : <input type="text"/>
<input type="button" value="ADD / CHANGE PHOTO"/>	DESIGNATION : <input type="text"/>
<input type="button" value="CANCEL"/>	EMAIL : <input type="text"/>
<input type="button" value="CONFIRM"/>	

ADMIN PANEL **LOGOUT**

- NOTICES**
- BLOGS**
- EVENTS**
- BLOOD DONATION**
- MEMBER DETAILS**
- COMMITTEE**

(a) Committee List

(b) Committee Member Details

Figure 23: Committee Info Page

5 CONCLUSION

In conclusion, the proposal for a website for Green University Computer Club presents an excellent opportunity to create a strong online presence for the club and engage with the members and the wider community. By implementing a user-friendly interface and incorporating features like a blog, events, and notices, the website can become a hub for learning, networking, and innovation. Overall, the website has the potential to enhance the reputation of the club and attract new members while fostering a culture of technology and sustainability.

References

- [1] M. Campus. (2021) 4 reasons why your college or university needs website personalization now. [Online]. Available: <https://bit.ly/3uRHXB>