



**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

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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.

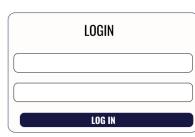
2. Non functional-requirement:

- (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.



The image shows the login interface for the Green University Computer Club. At the top, it says "GREEN UNIVERSITY COMPUTER CLUB". Below that is a "LOGIN" form with two input fields. Underneath the form is a "LOG IN" button. At the bottom of the form, there are two 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.



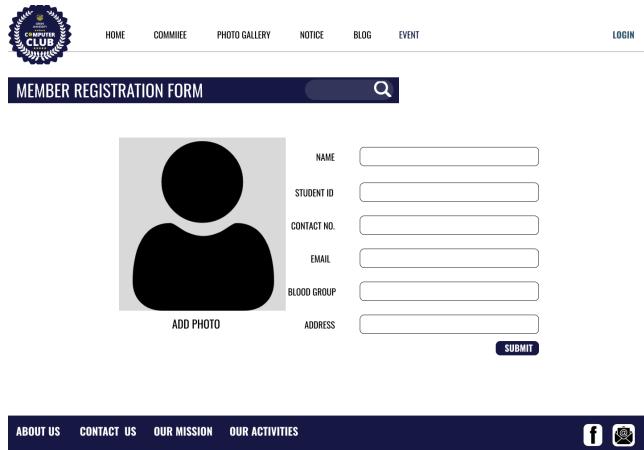
The image shows two screenshots of the forget password interface. The left screenshot shows a "LOGIN" form with a red placeholder "ENTER YOUR STUDENT ID" above the input field. The right screenshot shows the same form, but with a red message at the top stating "YOUR PASSWORD HAS BEEN SENT TO YOUR EMAIL!".

(a) Entering ID

(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 it, a search bar contains a magnifying glass icon. The form itself has a large placeholder image of a person's head and shoulders. To the right of the image are input fields for 'NAME', 'STUDENT ID', 'CONTACT NO.', 'EMAIL', 'BLOOD GROUP', and 'ADDRESS'. Below these fields is a 'SUBMIT' button. At the bottom of the page, there is a navigation bar with links for 'ABOUT US', 'CONTACT US', 'OUR MISSION', 'OUR ACTIVITIES', and social media icons for Facebook and YouTube.

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.

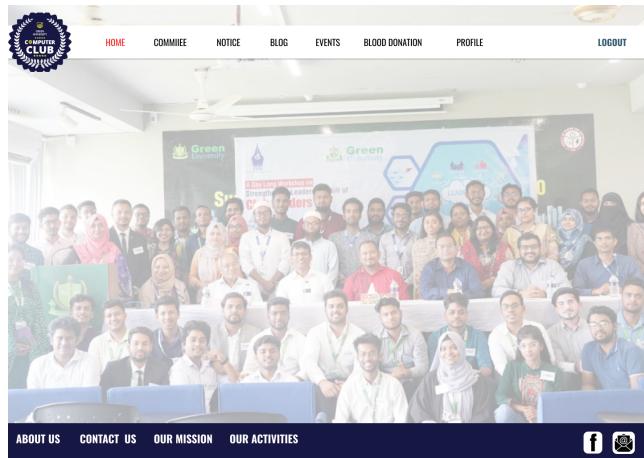


Figure 4: Home Page

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

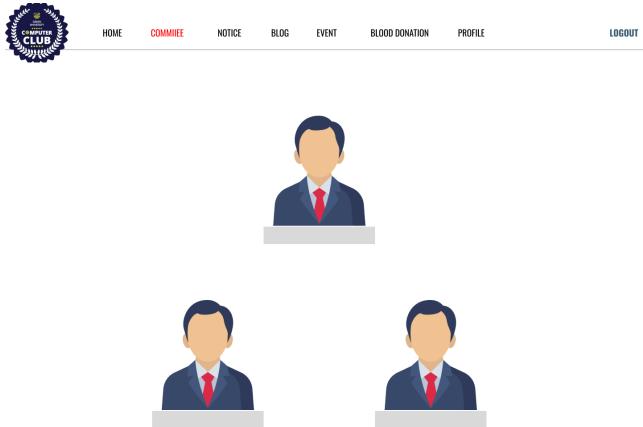


Figure 5: Committee Page

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 image shows two versions of a 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 page, labeled (a) Main Page, has a 'RECENT NOTICES' section with four items: 'FINAL MARKUP, OUTLINE AND SPECIAL REVIEW EXAM SCHEDULE', 'EXTENSION OF DATES FOR COURSE ADVISING', 'EXTRACTION OF DATES FOR COURSE ADVISING', and '2ND ADMISSION TEST RESULT OF SPRING SEMESTER'. The right page, labeled (b) All Notice Page, has 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 NOTES FOR DISBURSEMENT'. Both pages have a footer with links: ABOUT US, CONTACT US, OUR MISSION, OUR ACTIVITIES, and social media icons for Facebook and YouTube. There is also a 'SEE MORE...' link at the bottom of the notice sections.

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.

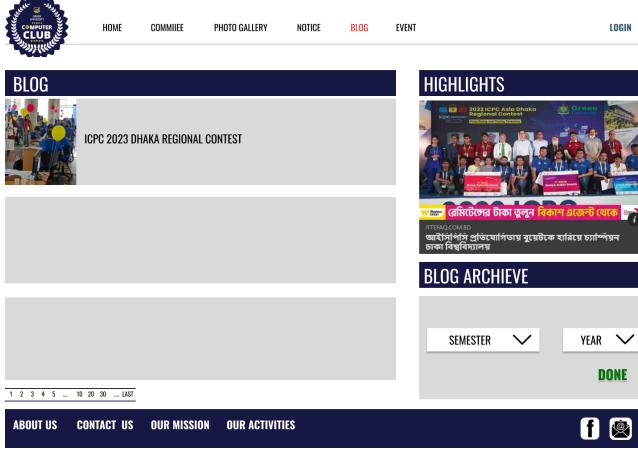


Figure 7: Blogs Page

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. 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.

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

EVENT PARTICIPATION FORM

INTRU UNIVERSITY CONTEST 2023

NAME: _____

EMAIL: _____

STUDENT ID: _____

BATCH: _____

CONTACT NO: _____

SUBMIT

ABOUT US CONTACT US OUR MISSION OUR ACTIVITIES

f g

Figure 9: Event Form Fillup Page

(a) Main Blood Donation Page

ID	NAME	BLOOD GROUP	ADDRESS	CONTACT NUMBER	REQUEST TIME
2010001	KAJI NIRMAL RAMA MIRZA	O+	SHEVARAMA	8512345678	06/09/2023 10:00 AM
2010002	MAHIMA	O-	ANZPAMA	8512345679	06/09/2023 10:00 AM

(b) Donors Info Page

ID	NAME	BLOOD GROUP	ADDRESS	CONTACT NUMBER
2010001	RAJANIKANT HEMRAJ	O+	KAZIPAMA	8512345678
2010002	SH RAHUL RAHMAN	O-	KAZIPAMA	8512345679

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

ABOUT US CONTACT US OUR MISSION OUR ACTIVITIES

f g

Figure 10: Blood Donation Page

(a) Blood Requests Page

ID	NAME	BLOOD GROUP	ADDRESS	CONTACT NUMBER	REQUEST TIME
2010001	KAJI NIRMAL RAMA MIRZA	O+	SHEVARAMA	8512345678	06/09/2023 10:00 AM
2010002	MAHIMA	O-	ANZPAMA	8512345679	06/09/2023 10:00 AM

(b) Blood Reques Form

NAME: _____

BLOOD GROUP: _____

ID: _____

CONTACT NO: _____

ADDRESS: _____

SEARCH

ABOUT US CONTACT US OUR MISSION OUR ACTIVITIES

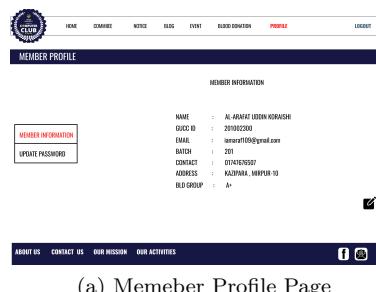
f g

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 member can also update their password using their old password.

(a) Memeber Profile Page



(b) Update Member Info Page

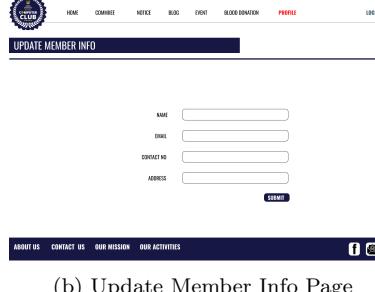


Figure 12: Member Profile

PASSWORD CHANGE

ENTER CURRENT PASSWORD :

ENTER NEW PASSWORD :

RE-TYPE NEW PASSWORD :

CONFIRM

MEMBER PROFILE

MEMBER INFORMATION

UPDATE PASSWORD

ABOUT US **CONTACT US** **OUR MISSION** **OUR ACTIVITIES**

HOME **COMMITTEE** **NOTICE** **BLOG** **EVENT** **BLOOD DONATION** **PROFILE** **LOGOUT**

Figure 13: Member Password Change Page

Admin End :

An admin can login using his credentials.

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



Figure 14: Admin Login Page



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. 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.



Figure 16: Admin Menu Page

(a) Notice List

(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.

(a) Blog List

(b) Adding a Blog

Figure 18: Admin Blog Page



ADMIN PANEL [LOGOUT](#)

EVENTS	
INDIA UNIVERSITY CONTEST 2023	REGISTRATION LIST
DATE	<input type="button" value="EDIT"/> <input type="button" value="DELETE"/>
PINTEREST	
FACEBOOK	
TWITTER	
YOUTUBE	
GMAIL	
LINKEDIN	
WHATSAPP	
TELEGRAM	
INSTAGRAM	
DRAFT	
PENDING APPROVAL	
PUBLISHED	
ARCHIVED	

NOTICES

BLOGS

EVENTS

BLOOD DONATION

MEMBER DETAILS

COMMITTEE



ADD NEW EVENT

TITLE	<input type="text"/>
DESCRIPTION	<input type="text"/>
SEMESTER	<input type="text"/>
BANNERS	<input type="button" value="+"/>
CATEGORY	<input type="button" value="CREATE"/> <input type="button" value="VIEW"/>
COMMITTEE	<input type="text"/>

(a) Event List

(b) Adding an Event

Figure 19: Admin Event 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.



ADMIN PANEL		LOGOUT
NOTICES		
BLOGS		
EVENTS		
BLOOD DONATION		
MEMBER DETAILS		
COMMITTEE		

1 2 3 4 5 ... 10 20 30 ... 140

REGISTRATION LIST				
STUDENT ID	NAME	BATCH	ID	NAME
201002324	S.M. MAHMUDUR RAHMAN	201	SMMRHASIB@GMAIL.COM	0153315269
201002300	AL-ARAFAT UDDIN KORASHI	201	IAMARAF@GMAIL.COM	07XXXXXX0X
201002070	TASLIMA AKTER	201	ANDONNAZQ@GMAIL.COM	01626659068

1 2 3 4 5 ... 10 20 30 ... 140

Figure 20: Registration List Page

An Admin can see the blood requests made by member and approve them.



ADMIN PANEL		LOGOUT
NOTICES		
BLOGS		
EVENTS		
BLOOD DONATION		
MEMBER DETAILS		
COMMITTEE		

1 2 3 4 5 ... 10 20 30 ... 140

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
NAME :	ID :	BLOOD GROUP :	DATE:	DECLINE	APPROVE
NAME :	ID :	BLOOD GROUP :	DATE:	DECLINE	APPROVE

1 2 3 4 5 ... 10 20 30 ... 140

Figure 21: Admin Blood Requests Approval Page

An Admin can view the member lists and details of each members.

The image shows two screenshots of the Admin Member Info Page. The left screenshot, labeled (a) Member List, displays a table with columns for Name, ID, and Email. The right screenshot, labeled (b) Member Details, shows a form for updating member information, including fields for Name, ID, Contact No., Email, Blood Group, and Address.

Figure 22: Admin Member Info Page

The image shows two screenshots of the Committee Info Page. The left screenshot, labeled (a) Committee List, displays a table with columns for Designation, Name, and Email. The right screenshot, labeled (b) Committee Member Details, shows a form for updating committee member details, including fields for Name, Designation, and Email.

Figure 23: Committee Info Page

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

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>