

# HUMAN COMPUTER INTERACTION TO GIVE

Prepared For :

Dr.Rasha

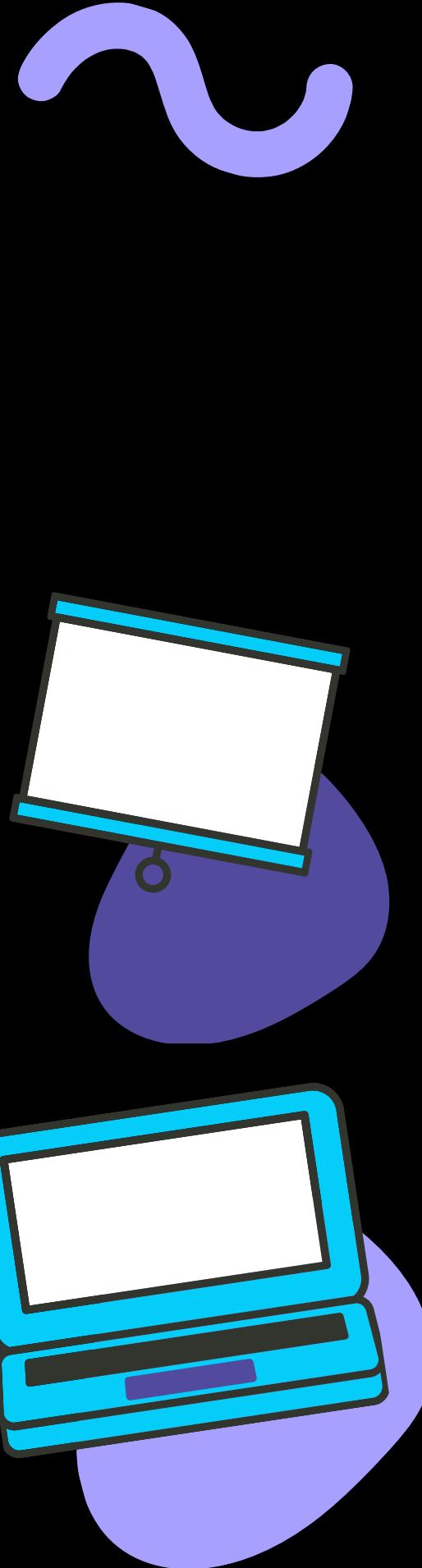
Prepared by :

M1: Maha Mohammed AlShehri  
M2: Danah Abdulaziz Alwattar  
M3: Jana Mohammed Falata  
M4: Arwa Ali Alzahrani  
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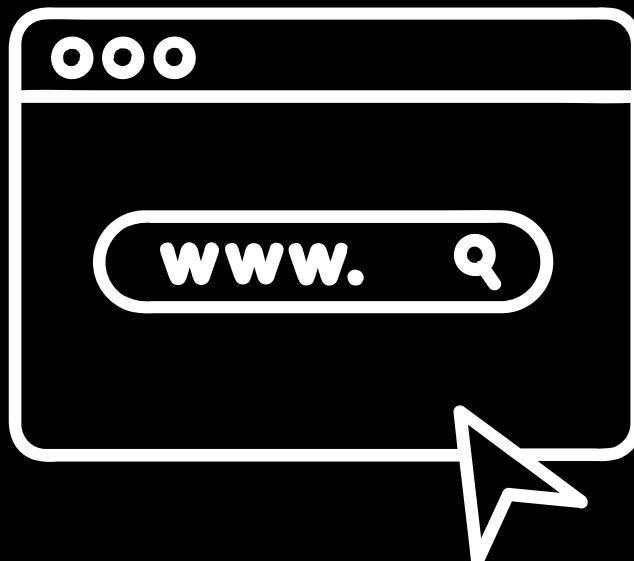


# INTRODUCTION

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(To Give) is a website that helps organize and increase communication between volunteer clubs and volunteers to register for volunteer activities at the College of Computer Science and Engineering at the University of Jeddah.

Link of interface:  
<https://shorturl.ae/gcTZk>





# Assignment (1)

# Design Project – Assignment 1: Team Formation and Project Idea

## Members Team:

Maha Mohammed AlShehri  
Danah Abdulaziz Alwattar  
Jana Mohammed Falata  
Arwa Ali Alzahrani  
Shahd Khalid Alzubaidi

## General Project Idea:

Nowadays, it is important that university students use their time to benefit and develop their skills. But most of the volunteer activities and clubs in our university lack some organization in the announcements of the activities and the process of registering volunteers in them.

From here the idea of our project started. (To Give) is a website that helps organize and increase communication between volunteer clubs and volunteers to register for volunteer activities at the College of Computer Science and Engineering at the University of Jeddah.

## Target Users:

Students of the College of Computer Science and Engineering at the University of Jeddah.

## Main Problem:

The main problem is that our college has a lot of volunteer clubs and activities, and they work randomly without organization and good communication.

As a result, the students are facing difficulties because the Difficulty of accessing information about volunteer activities and their location and the registration to the club is complicated for several reasons: Joining the club or activity takes many steps or unclear steps. Moreover, It is difficult for students to communicate with club leaders or other volunteers to register or ask about the club or activity. Also, some students don't know about the existence of all clubs or activities. All of this requires a great deal of effort and time from volunteers to register or find the information they need, so our project will solve this problem.

## Data Collection:

Interview: Interview with students interested in volunteering who will use our website.  
Questioner: Conducting a questionnaire for Students of the College of Computer Science and Engineering at the University of Jeddah about registration in voluntary clubs, What are the difficulties? and how to find volunteer activities at the university, and communicating with volunteers.

## How to find users:

The users will be students from the College of Computer Science and Engineering at the University of Jeddah .

## Interview Questions:

- From your knowledge, what is the definition of volunteer work ?
- Why do you think that volunteering is important for students?
- How do you think a volunteer website is going to help you with your skills?
- What are some places that you suggest for students to volunteer?
- Do you think it is difficult to find volunteer activities at our university?What is the difficulty?
- In your opinion, is there any difficulty in registering in the voluntary clubs? If any, what are they?
- In your opinion, is it difficult to obtain information about a particular volunteer club? How do you think the volunteering website is going to help you?
- Do you think it's a good idea to organize a timer for the remaining hours you work on ?

The link to your online questionnaire (using Google Forms):

<https://forms.gle/sTpcq9tMjgahXDZo7>



# Assignment (2)

## Interview with users:

Dana Almestadi

[contact info:Dana.almestadi@gmail.com]

Online, 04/02/2022

[Maha AlShehri, team member]

I spoke with Dana Almestadi in an online meeting about our project to give on behalf of the team. We discussed some questions about what features must be in the program and her point of view as a volunteer student. As well as she answered the following questions.

- From your knowledge, what is the definition of volunteer work?

A person or who does something for an organization, other people willingly without being forced or paid to do it.

- Why do you think that volunteering is important for students?

It teaches you what school cannot teach you. It helps you to understand yourself more. And expand your social circle. Regardless of that, it's part of our religion.

- How do you think a volunteer website is going to help you with your skills?

It will help me show my skills and how I'm willing to learn new skills too.

- What are some places that you suggest for students to volunteer?

Start from your school / university.

neighborhood Mosque.

Nowadays you even volunteer from your home.

- Do you think it is difficult to find volunteer activities at our university? What is the difficulty?

Maybe, it's probably because there's no place you can search at. They mostly send it through WhatsApp and that's not enough.

- In your opinion, is there any difficulty in registering in the voluntary clubs? If any, what are they? The Conditions for registration " you should have worked before ".

- In your opinion, is it difficult to obtain information about a particular volunteer club?

Yes, because many people don't check the social media of the university community or they don't know that they exist.

- How do you think the volunteering website is going to help you?

It will make the process of volunteering easier for me whenever I want to volunteer. Also, it will make it easier for the people who need the help to find volunteering people.

- Do you think it's a good idea to organize a timer for the remaining hours you work on?

Yes, I do.

Reeman Alharbi

[contact info:2005504@uj.edu.sa]

Online, 03/02/2022

[Danah Alwattar, team member]

I spoke with Reeman Alharbi in an online meeting about our project to give on behalf of the team. We discussed some questions about what features must be in the program and her point of view as a volunteer student. As well as she answered the following questions.

- From your knowledge, what is the definition of volunteer work ?

Volunteering is giving of one's time without expecting anything in return for it except a certification.

- Why do you think that volunteering is important for students?

Volunteering allows students to gain real-world work experience while also developing their skills.

- How do you think a volunteer website is going to help you with your skills?

It will help me improve my skills in my field of study and for future working.

- What are some places that you suggest for students to volunteer?

IT companies will be a good choice because it will be more focused on technology fields

- Do you think it is difficult to find volunteer activities at our university? What is the difficulty?

Yes, I think it is difficult to find volunteer activities because we need a website that displays all volunteer activity so that we can view it fast.

- In your opinion, is there any difficulty in registering in the voluntary clubs? If any, what are they?

Yes , there are some difficulties and one of them is that we don't have much information about the university clubs and what is the specific way to join them.

- In your opinion, is it difficult to obtain information about a particular volunteer club?

Yes , because there isn't a particular place or website that gives enough information or answers about every club or volunteer work.

- How do you think the volunteering website is going to help you?

It will make it simple for me to locate volunteer opportunities and to be part of the clubs in our university.

- Do you think it's a good idea to organize a timer for the remaining hours you work on ?

Yes, I think so, because it will encourage the student to complete the required work hours and achieve the desired goal.

Maryam Babgi  
[contact info:2007175@uj.edu.sa]

Online, 04/02/2022

[Jana Falata , team member]

I spoke with Maryam babgi in an online meeting about our project to give on behalf of the team. We discussed some questions about what features must be in the program and her point of view as a volunteer student. As well as she answered the following questions.

- From your knowledge, what is the definition of volunteer work ?

It is a Humanitarian optional work aimed at serving people and motherland.

- Why do you think that volunteering is important for students?

I think it is important for students to inculcate the love of goodness and charity to others.

- How do you think a volunteer website is going to help you with your skills?

Websites may provide various people we can communicate with to gain more knowledge about volunteer work.

- What are some places that you suggest for students to volunteer?

I can suggest some places like universities, companies .

- Do you think it is difficult to find volunteer activities at our university? What is the difficulty?

No, I do not think that at our university we can organize training courses from time to time.

- In your opinion, is there any difficulty in registering in the voluntary clubs? If any, what are they?

To be honest, I do not belong to any volunteer clubs so I do not know if there are any registration difficulties.

- In your opinion, is it difficult to obtain information about a particular volunteer club?

No, I do not think so, we can ask about the club or contact the club members through twitter or club email .

- How do you think the volunteering website is going to help you?

It can give me a clear picture of how they work or what is the actual work (activities) they do.

- Do you think it's a good idea to organize a timer for the remaining hours you work on? Yes, it is a very good idea.

Abdulaziz Abdulrahman

[contact info:azoooz-56@hotmail.com]

Online, 06/02/2022

[Arwa Ali , team member]

I spoke with Abdulaziz Abdulrahman in an online meeting about our project to give on behalf of the team. We discussed some questions about what features must be in the program and her point of view as a volunteer student. As well as she answered the following questions.

- From your knowledge, what is the definition of volunteer work ?

an act that individuals can help the community by giving time and effort.

- Why do you think that volunteering is important for students?

Make good relationships ,help a lot of people and community, and volunteer to gain experience in a team.

- How do you think a volunteer website is going to help you with your skills?

Provide a lot of categories that can volunteer to choose his specialty.

- What are some places that you suggest for students to volunteer?

Summarizing and explaining courses in university or school , this helps volunteer students to gain a good self-learning and self-confidence.

- Do you think it is difficult to find volunteer activities at our university? What is the difficulty?

Yes, Because we don't know about volunteer activities.

- In your opinion, is there any difficulty in registering in the voluntary clubs? If any, what are they?

Yes, because there is no formal platform to register for voluntary clubs.

- In your opinion, is it difficult to obtain information about a particular volunteer club?

Yes, usually there is no more information about the voluntary club, and goals of this club.

- How do you think the volunteering website is going to help you?

If this website will ease the registration process and get information about this voluntary work.

- Do you think it's a good idea to organize a timer for the remaining hours you work on?

Yes, this will help volunteers, and if there is a notification to notify volunteers to remind them of the work.

Hadeel Alsulami

[contact info:2006616@uj.edu.sa]

Online, 03/02/2022

[Shahd Alzubaidi , team member]

I spoke with Hadeel Alsulami in an online meeting about our project to give on behalf of the team. We discussed some questions about what features must be in the program and her point of view as a volunteer student. As well as she answered the following questions.

- From your knowledge, what is the definition of volunteer work ?

a person who helps others without being forced or paid for it

- Why do you think that volunteering is important for students?

Volunteering can help you in making new friends, learning new skills, and advancing your career.

- How do you think a volunteer website is going to help you with your skills?

Discovering new interests and learning new skills will be easier with the website.

- What are some places that you suggest for students to volunteer?

Takatuf

- Do you think it is difficult to find volunteer activities at our university? What is the difficulty?

Most students are unaware of this volunteering opportunity or do not have the time to participate.

- In your opinion, is there any difficulty in registering in the voluntary clubs? If any, what are they? There's no difficulties, in my opinion.

- In your opinion, is it difficult to obtain information about a particular volunteer club? I don't think so because most clubs publish their club information on their website.

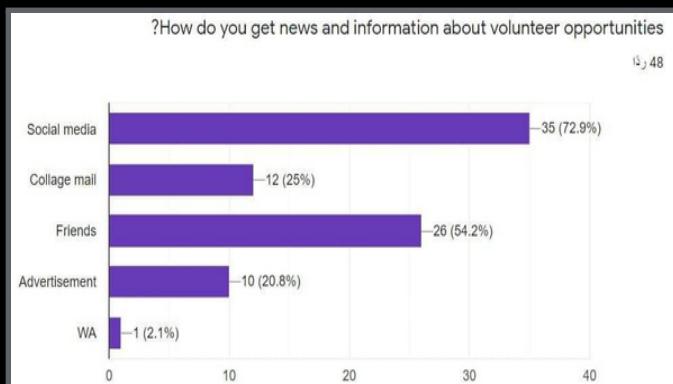
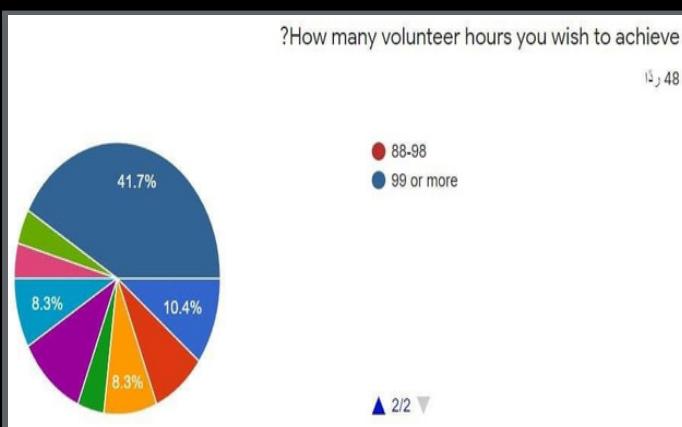
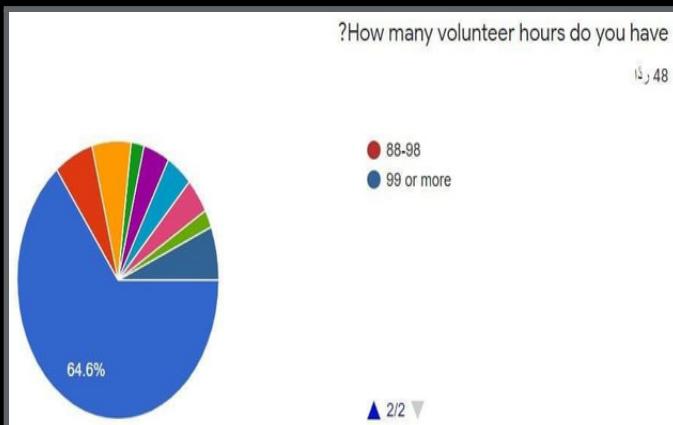
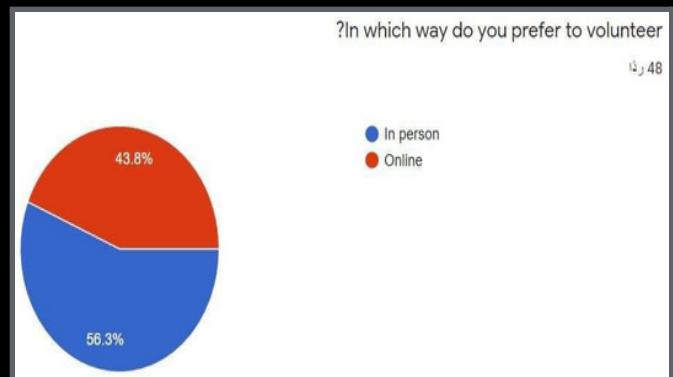
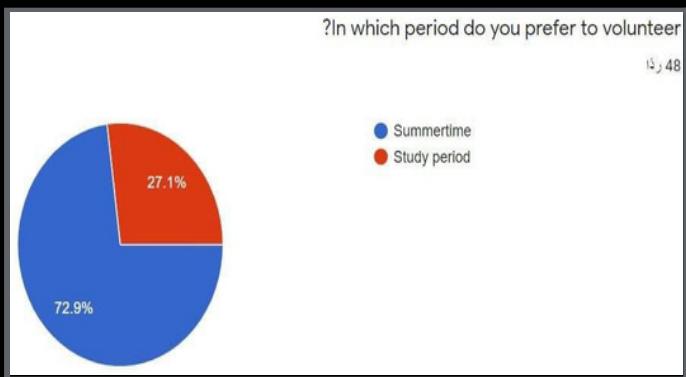
- How do you think the volunteering website is going to help you?

It will help you in finding volunteer opportunities in your city that meet your needs and interests.

- Do you think it's a good idea to organize a timer for the remaining hours you work on ? absolutely, it's a great idea.

## A simple visualization of the data collected:





?What restricts or prevents you from doing more volunteer work

١٦ ر

The time and Some conditions

مُشاغل الحياة

Being busy or not being in the mood

I'm getting more busy because of the university. Especially, because I study the 6th level in my major. All .the subjects in this level are so deep and need a lot of studying hours

When it's take a lot of time and it's not flexible, when it's in exam duration, when it's too hard and take all my time

.It stopped adding value and turned into chaos when I got higher in the admission system

Times don't suit me

Don't have time

?What restricts or prevents you from doing more volunteer work

١٦ ر

Not flexible hours

كرف الجامعة

Study workload

There are no opportunities for students

ضيق الوقت

I don't have time while studying

Busy

Sometimes time is not enough

The time and Some conditions

## Analysis:

- 1- Most of the respondents of this questionnaire are between the age of 20 and 22 years old.
- 2- The answers we received are mostly from females.
- 3- Respectfully, most of the answers are from software engineering, cyber security, data science and analysis students.
- 4- 60% of the respondents have done volunteer work while 39% haven't.
- 5- Most of the students haven't registered in the university's voluntary clubs.
- 6- 64.6% of the respondents have 0 to 10 volunteer hours while only 6.3% have 99 hours or more.
- 7- Most of the respondents wish to achieve 99 or more volunteer hours.
- 8- Most of the respondents get news and information about volunteer opportunities from social media and their friends.
- 9- 72.9% of the respondents prefer to volunteer in the summertime.
- 10- 56.3% of the respondents prefer to volunteer in person while 43.8% prefer to volunteer online.
- 11- The majority of respondents prefer to have places for training in their field of specialization.
- 12- Nearly all of the responses we received were complaints about not having enough time because of the study workload.

## List of needs:

- 1.Users need to know information about university clubs.
  - 2.Users need to register to university clubs.
  - 3.User need to find a volunteer activities
  - 4.Users need to know their credit hours.
  - 5.Users need to communicate with other volunteers.
  - 6.Users need to know options of doing volunteer work.
- 

## List of insights:

- 1.Students do not have much information about university clubs and their achievements. Also, what are the advantages when joining clubs?
  - 2.The volunteer students do not know about the registration for the university clubs because there is no organizational way to register. Also, there are no good advertisements for joining clubs.
  - 3.It is necessary for the student to know about all activities that meet their needs in their field of specialization which has a role in developing their skill ,also it is important for their future.
  - 4.Working hours are of great importance. Students must know the entire number of fundamental volunteer hours, the number of hours they volunteered in, and the number of hours they have left to volunteer.
  - 5.Volunteers need to know how to communicate in order to improve their communication skills and social environment, as well as to keep up with advances in the volunteer community and to understand the tasks required for this activity.
  - 6.Many students have issues or circumstances that prevent them from participating in volunteer work, therefore they prefer to attend online classes, while others prefer in-person classes for group work.
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## List of tasks that the application will perform:

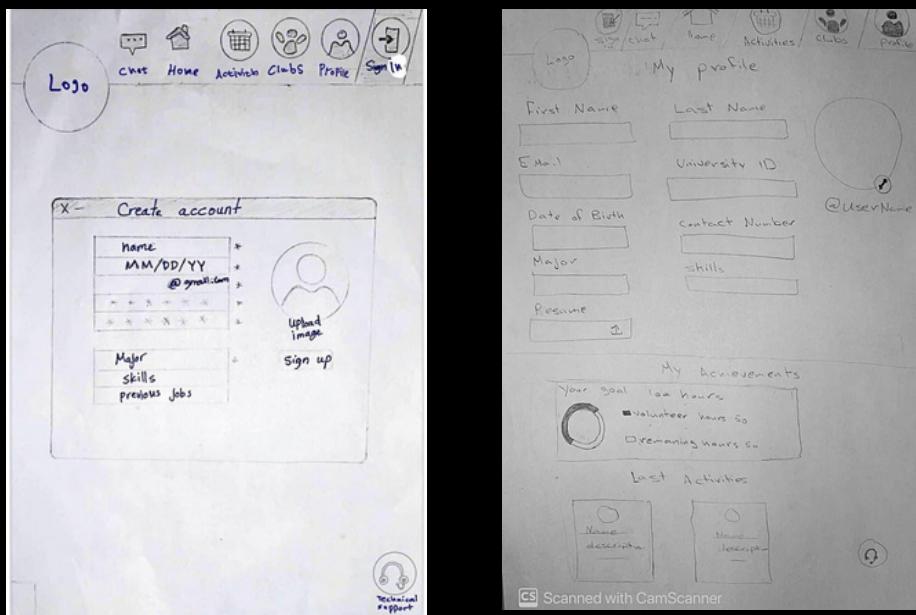
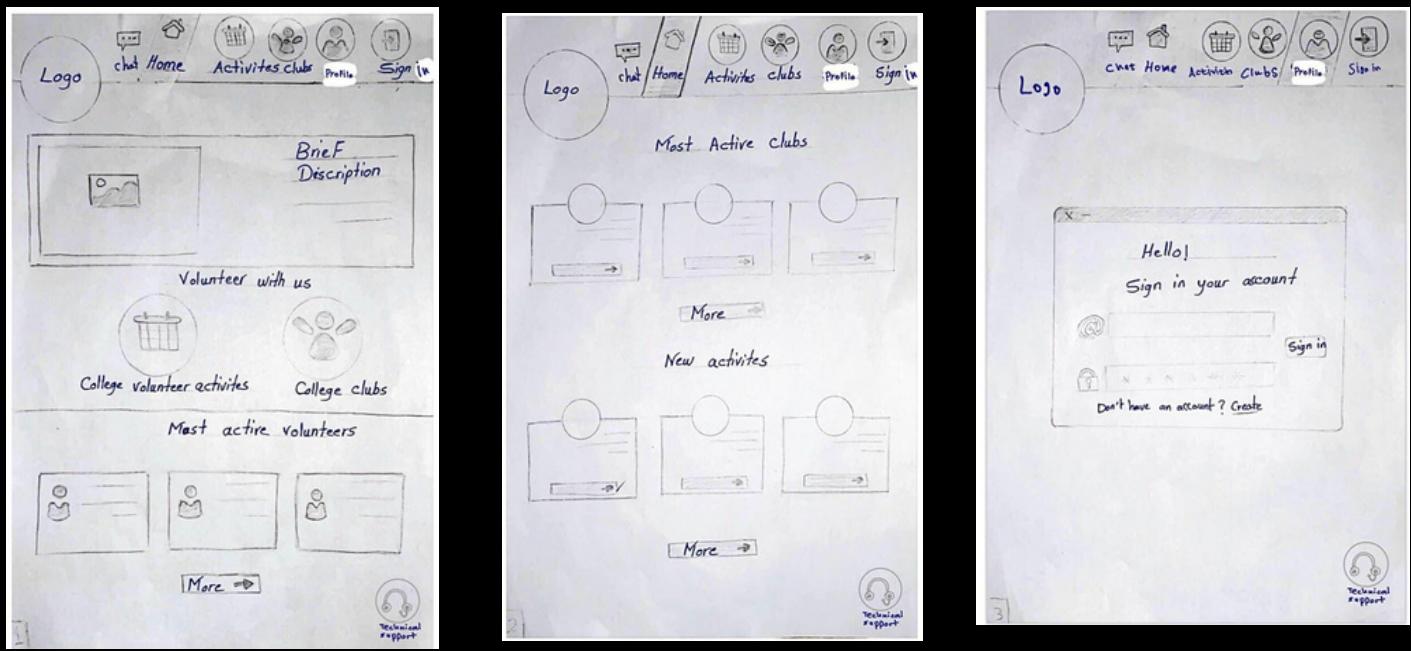
- 1.Users can choose from a list of the clubs and can see a short explanation above the list .
- 2.Users should register to the website so they can see all the services of the website.
- 3.User will choose the volunteer work he wants to join.
- 4.Users can see the remaining and previously completed hours of volunteer hours.
- 5.Users can chat or communicate with other volunteer workers.
- 6.Users can choose activities either to join online or in-campus.



# Assignment (3)

## Tasks:

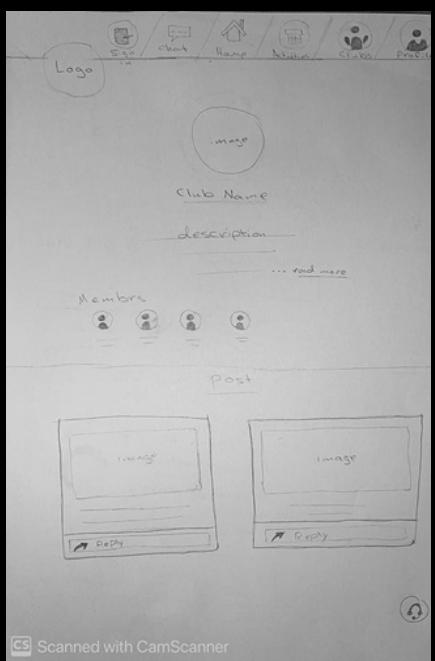
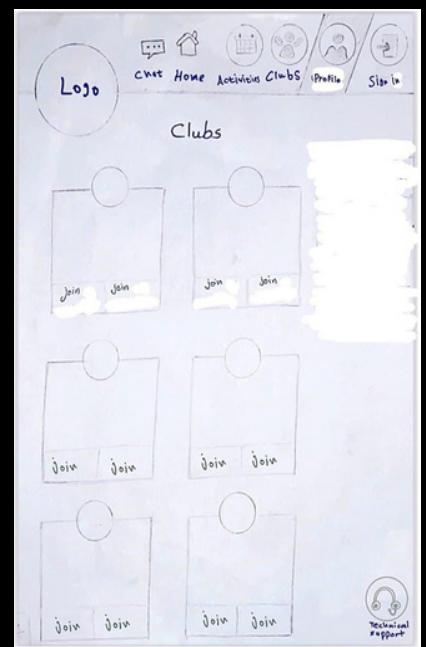
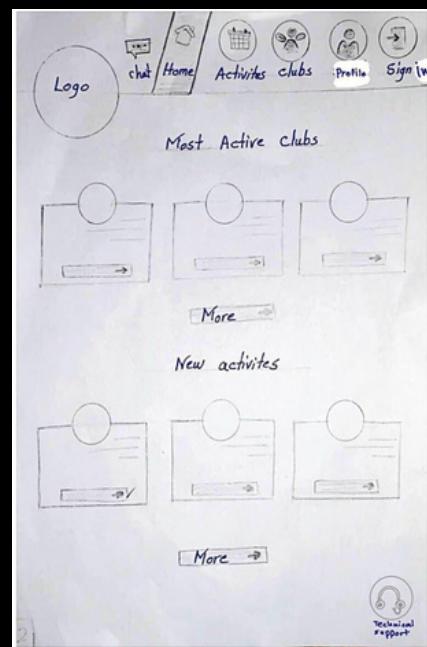
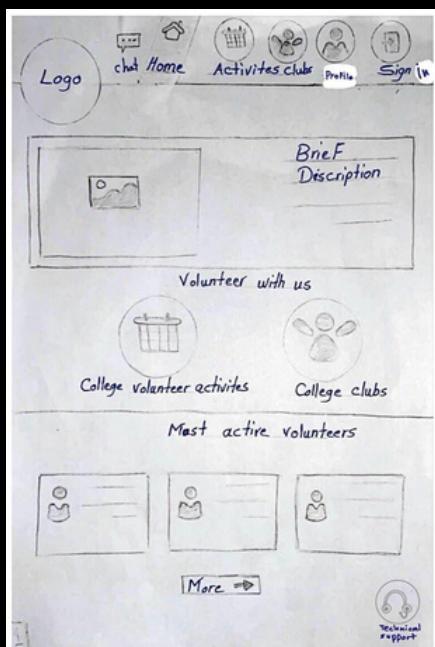
Task 1: Users should register to the website so they can see all the services of the website.



## Description:

- 1- On the 1st page, it will be the main page and there is a menu bar in which there are several sections for other pages, namely: conversation, activities , clubs, login and personal information, and on this page there will be a general description of the program and about our most popular events and sections From here, the user can go to the other home page, and there is also a box for technical support on all pages.
  - 2- On the 2nd page, which is a supplement to the main page, it will have the same menu bar and through it the user can go to other pages, and on this page there is information about the most active clubs and our new activities .
  - 3- On the 3rd page, which is a page for the user to log in, and if he does not have an account, he will press the create button to move to the other page.
  - 4- On the 4th page, there will be a page where the user can create a new account and enter the site.
  - 5- On the 5th page, it contains all the user's information and through it he can also log out of the site, and the user can enter this page through the menu bar of the personal information section.
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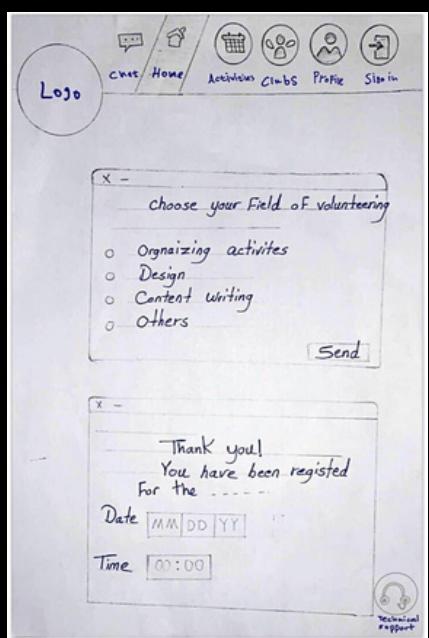
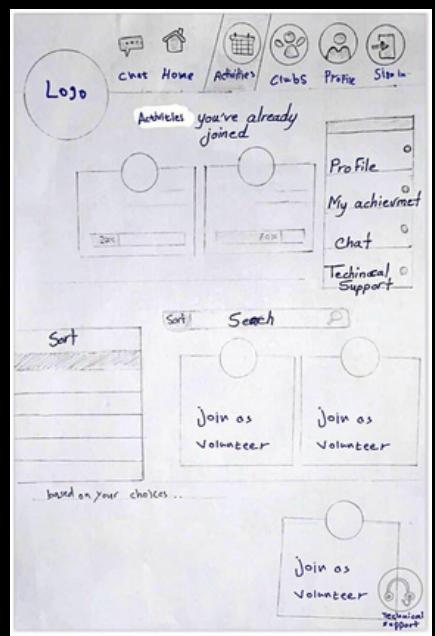
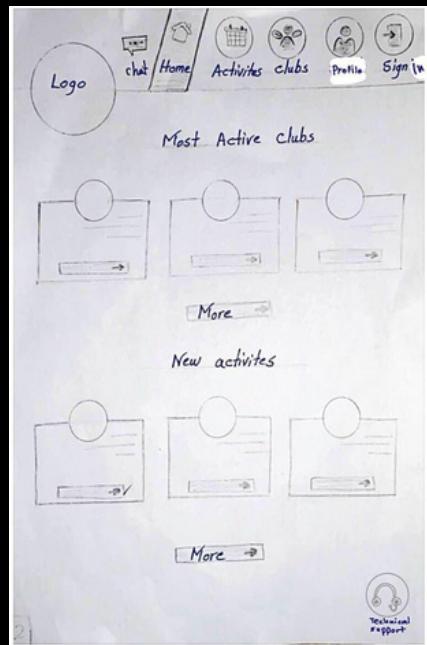
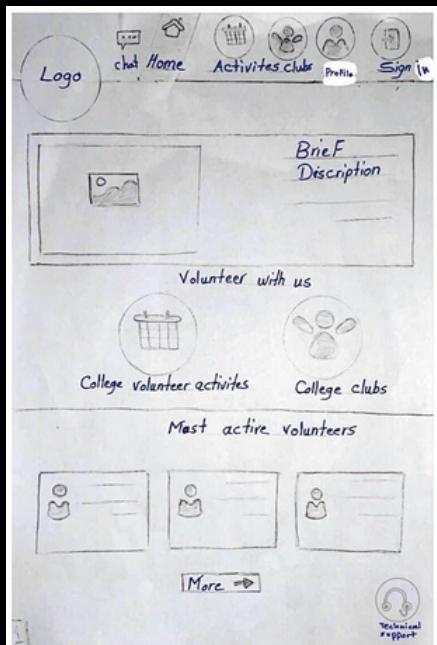
Task 2: Users can choose from a list of the clubs which club they want to join.



## Description:

- 1- On the 1st page, it will be the main page and there is a menu bar in which there are several sections for other pages, namely: conversation, activities , clubs, login and personal information, and on this page there will be a general description of the program and about our most popular events and program sections From here, the user can go to the other home page, and there is also a box for technical support on all pages.
- 2- On the 2nd page, which is a supplement to the main page, it will have the same menu bar and through it the user can go to other pages, and on this page there is information about the most active clubs and our new activities .
- 3- On the 3rd page, the user will have 6 private clubs at the college, and he /she can join them through the button in it to go to the club's information, and the user will enter the third page through the menu bar on the main page, the Clubs section.
- 4- On the 4th page, after the user enters a club, there will be information about the club, including a description of the club, its goals and the number of club members

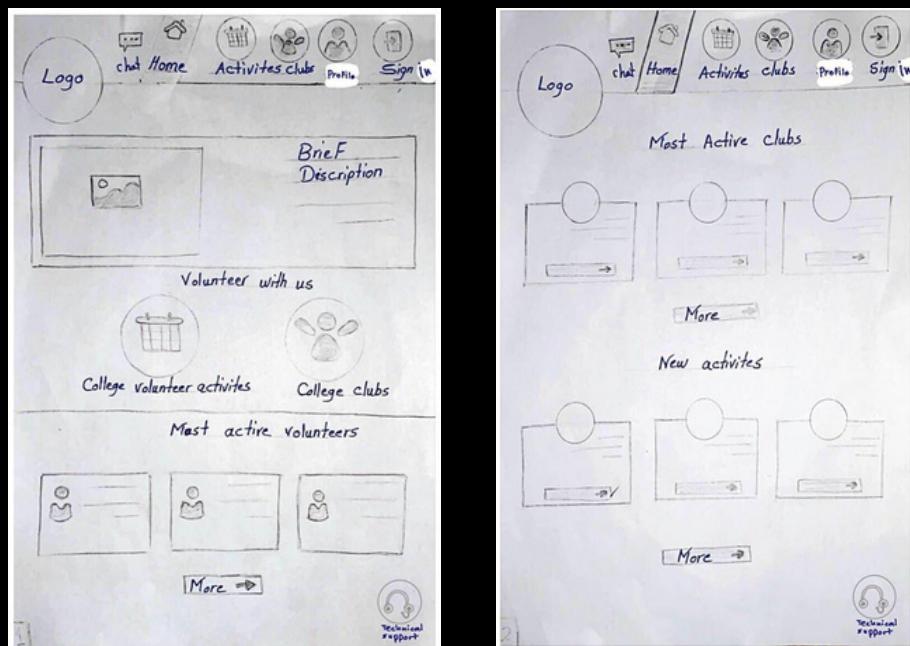
Task 3: User will choose the volunteer work he wants to join.



## Description:

- 1- On the 1st page, it will be the main page and there is a menu bar in which there are several sections for other pages, named: conversation, activities , clubs, login and personal information, and on this page there will be a general description of the program and about our most popular events and program sections From here, the user can go to the other home page, and there is also a box for technical assistance on all pages.
- 2- On the 2nd page, which is a supplement to the main page, it will have the same menu bar and through it the user can go to other pages, and on this page there is information about the most active clubs and our new activities .
- 3- On the 3rd page that the user can enter through the menu bar of the activities section, it will have the activities that the user has joined and he can search for new activities , arrange the activities and choose from them to move to the other page.
- 4- On the 4th page, after selecting the activity , the user will be able to choose his role in this activity , and then send it, he will receive a thank message and joining details.

Task 4: Users can chat or communicate with other volunteerworkers.



## Description:

1- On the 1st page, it will be the main page and there is a menu bar in which there are several sections for other pages, namely: conversation, activities , clubs, login and personal information, and on this page there will be a general description of the program and about our most popular events and program sections From here, the user can go to the other home page, and there is also a box for technical support on all pages.

2- On the 2nd page, which is a supplement to the main page, it will have the same menu bar and through it the user can go to other pages, and on this page there is information about the most active clubs and our new activities .

3-On the 3rd page, the user has the events section, the clubs section, and the members he wants to talk to and participate with, and he / she can enter this page through the menu bar, the conversation section.

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# Assignment (4)

## Description of interface:

- 1- On the 1st page, it will be the main page and there is a menu bar in which there are several sections for other pages, namely: chat, activities , clubs, sign in/sign up and profile, and on this page there will be a general description of the program and about our most popular events active clubs and our new activities . From the menu bar users can go to the other pages. Also this menu bar will be in other pages to let users navigate between pages, and there is also a box for technical support on all pages.
- 2- On the 2rd page, which is a page for the user to log in, and if he does not have an account, he will press the create button to move to the sign up page.
- 3- On the 3th page, there will be a page where the user can create a new account and enter the site.
- 4- On the 4th page, it contains all the user's information, and the user can enter this page through the menu bar of the profile section.
- 5- On the 5th page, the user will have 6 private clubs at the college, and he /she can join them through the button in it to go to the club's information, and the user will enter the third page through the menu bar in the Clubs section.
- 6- On the 6th page, after the user joins a club, there will be information about the club, including a description of the club, its goals and the number of club members. The user will receive a thank you message and joining details.
- 7- On the 7th page, otherwise if the user presses volunteer the user will be able to choose his role in this club, and then send it, he/she will receive a thank you message and joining details.
- 8- On the 8th page that the user can enter through the menu bar of the Activities section, it will have the activities that the user has joined and he can search for new activities , arrange the activities and choose from them, and when the user presses join he/she will receive a thank you message and joining details.
- 9- On the 9th page, otherwise if the user presses volunteer , the user will be able to choose his role in this activity , and then send it, he/she will receive a thank you message and joining details.
- 10-On the 10th page, the user has the events section, the clubs section, and the members he wants to talk to and participate with, and he / she can enter this page through the menu bar, the Chat section.

# HOME PAGE

The screenshot shows a vibrant, modern website designed for university students. At the top, there's a navigation bar with links for 'Activities', 'Clubs', and 'Our'. Below the navigation is a search bar labeled 'Search Student Activities' and two buttons: 'Sign In' and 'Sign Up'.

The main content area features a large, friendly cartoon character of a student sitting at a desk with multiple monitors, looking happy and engaged. To the left of the character, there's a message: "Are you a computer science student and want to learn new skills? Join us in student activity clubs in the College of Computer Science and Engineering." Below this message are two buttons: "Explore" and "Sign Up".

Below the main message, there's a section titled "Volunteer with us" with two categories: "Activity" and "Clubs". Each category has a small icon and a brief description. The "Activity" icon shows a person with a coffee cup, a butterfly, and musical notes. The "Clubs" icon shows a group of people around a table with speech bubbles.

Further down, there's a section titled "Most Active volunteer" featuring four profile cards for students: Ahmed Ali, Sarah Al-Horbi, Abeer Saleh, and Nada Mohammed. Each card includes a photo, name, club name, and a short bio.

Next is a section titled "Most Active Clubs" featuring three club profiles: Cyber Security Club, Google Developer Club, and IEEE student branch. Each club has a logo, a brief description, and a "Join" button.

At the bottom, there's a section titled "Latest activities" showing three recent posts with small images and titles. The first post is about "C# competition", the second about "AI Hackathon", and the third about "IEEE Conference".

At the very bottom, there's a footer with social media icons for LinkedIn, Facebook, and YouTube, along with a QR code and some small text.

# HOME PAGE

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The home page will be **the primary page**, and there will be a menu bar with several sections for other pages, like chat, activities, clubs, sign in/sign up, and profile, where users may browse between pages using this menu bar.

On this page, there will be a general description of the program, as well as information about our most popular events, active clubs, and new activities to help the user understand what our website stands for, and there will be a box for technical support on all pages to assist the user in solving any problems.

# SIGN UP

Search activities, clubs and accounts

Home    Activity    Clubs    Chat    Sign in

**Sign Up**

Upload new avatar

**BASIC INFO**

FIRST NAME \*

LAST NAME \*

University ID \*

EMAIL \*

Contact Number \*

**ABOUT ME**

Bio

Major

Skill

Resume

**CANCEL**    **SAVE**

TO GIVE

A special platform for the clubs and activities of the College of Computer Science and Engineering at the University of Jeddah.

Categories    Services

activities    Chat

Clubs    Technical support

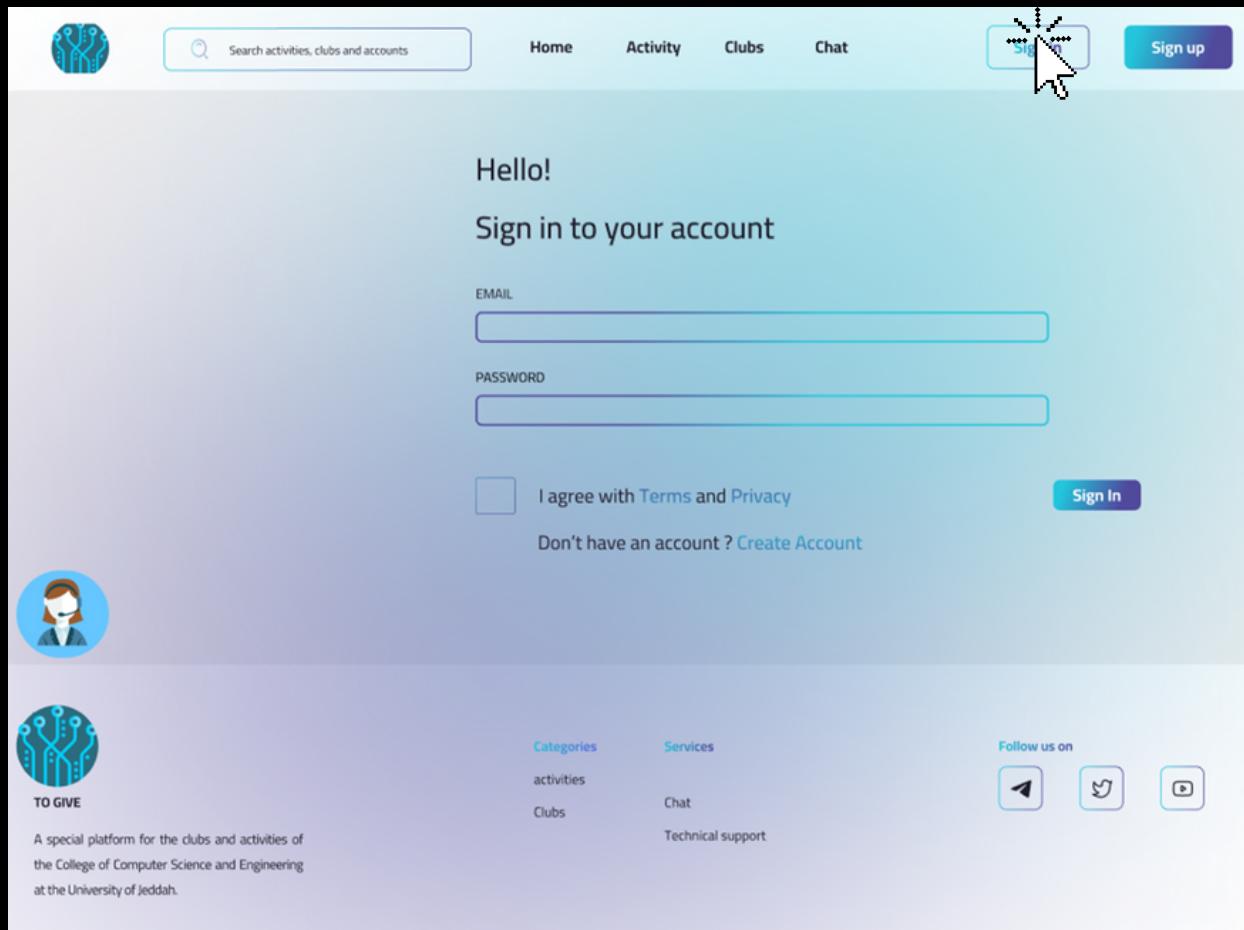
Follow us on

# SIGN UP

---

The sign-up page will be a page where the user should enter their information to establish a new account, add a photo, and save to access the website. Some of the information is necessary, while some are not.

# SIGN IN



The image shows a sign-in page with a light blue gradient background. At the top left is a circular icon with a person wearing a headset. Next to it is a search bar with the placeholder "Search activities, clubs and accounts". To the right are navigation links: "Home", "Activity", "Clubs", and "Chat". A "Sign in" button is highlighted with a cursor, showing a hand icon pointing at it. Below these are two input fields: "EMAIL" and "PASSWORD". Underneath the password field is a checkbox labeled "I agree with Terms and Privacy" and a "Sign In" button. Below the sign-in form is a link "Don't have an account? Create Account". At the bottom left is another circular icon with a person wearing a headset, labeled "TO GIVE". Below this icon is a paragraph about the platform's purpose. On the right side, there are sections for "Categories" (activities, Clubs) and "Services" (Chat, Technical support), followed by a "Follow us on" section with icons for Telegram, Twitter, and YouTube.

Search activities, clubs and accounts

Home Activity Clubs Chat

Sign up

Hello!

Sign in to your account

EMAIL

PASSWORD

I agree with [Terms](#) and [Privacy](#)

Sign In

Don't have an account? [Create Account](#)

TO GIVE

A special platform for the clubs and activities of the College of Computer Science and Engineering at the University of Jeddah.

Categories

activities

Clubs

Services

Chat

Technical support

Follow us on

Telegram Twitter YouTube

# SIGN IN

---

This is a page for the user to sign-in if they already have an account, if there isn't any account the user will press create account.

# PROFILE



[Home](#) [Activity](#) [Clubs](#) [Chat](#) [@Nada Mohammed](#) 



**Nada Mohammed**  
Graphic-designer  
[Upload new avatar](#)

I'm graphic designer, I work in programs adobe photoshop, adobe illustrator

**My Achievements**

Your goal 100 hours:



● Volunteer hours: 60  
● Remaining hours: 40

**BASIC INFO** [CANCEL](#) [SAVE](#)

<b>FIRST NAME</b> Nada	<b>LAST NAME</b> Mohammed
<b>University ID</b> 20067602	
<b>EMAIL</b> Nada.Ashrafi03@gmail.com	
<b>Contact Number</b> 0506761350	

**ABOUT ME**

I'm graphic designer, I work in programs adobe photoshop, adobe illustrator

**Major**  
Software engineering

**Skill**  
Graphic designer

**Resume**  
Nada-resume.PDF 

**Latest Activities**



**Introduction To Games Development**  
Workshop for game development at the University of Jeddah.



**Arduino Competition**  
The student branch of the IEEE International Organization at the University of Jeddah, in cooperation with the Activities and Development Unit at the college, presents you with the activities of the Research and Innovation Week "Arduino Competition".



**TO GIVE**

A special platform for the clubs and activities of the College of Computer Science and Engineering at the University of Jeddah.

**Categories**

activities  
Clubs

**Services**

Chat  
Technical support

**Follow us on**



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# PROFILE

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The profile page, which can be accessed through the menu bar, features all the user's information, last activities, and achievements.

# CLUB PAGE

The screenshot shows a digital platform for managing student clubs. At the top, there's a navigation bar with a search bar, 'Home', 'Activity', 'Chat' (with a cursor icon pointing to it), and a user profile '@Nada Mohammed'. Below the navigation is a section titled 'Clubs'.

There are six club profiles displayed in a grid:

- Cyber Security Club**: Leader: Ahmed Ali. Description: Cyber Security Club to develop students and create a community for those interested in this field and provide opportunities for participation and creativity in it. Buttons: 'View All', 'Volunteer with us', 'Join'.
- Artificial Intelligence Club**: Leader: Nada Mohammed. Description: AI Club. Buttons: 'View All', 'Volunteer with us', 'Join'.
- Software Engineering Club**: Leader: Nada Mohammed. Description: Software Engineering Student Club. Buttons: 'View All', 'Volunteer with us', 'Join'.
- Computer & Network engineering Club**: Leader: Nada Mohammed. Description: Computer and Network Engineering Club. Buttons: 'View All', 'Volunteer with us', 'Join'.
- IEEE student branch**: Leader: Somaya Ali. Description: IEEE student branch at University of Ibb. Buttons: 'View All', 'Volunteer with us', 'Join'.
- Google Developer Club**: Leader: Nada Mohammed. Description: We are a community of students developed at the University of Ibb with official support from Google. We learn, develop, and innovate. Buttons: 'View All', 'Volunteer with us', 'Join'.

Below these, there are two 'Coming Soon' sections:

- COMING SOON**: Data science Club. Buttons: 'Volunteer with us', 'Join'.
- COMING SOON**: Computer science Club. Buttons: 'Volunteer with us', 'Join'.

At the bottom left, there are icons for a person and a globe, with the text 'TO-IUB'. At the bottom center, there are sections for 'Categories' (Activities, Clubs), 'Services' (Chat, Technical support), and 'Follow us on' (links to social media).

# CLUB PAGE

The screenshot displays a digital platform for managing student clubs. At the top, there is a navigation bar with icons for Home, Activity, Date, Chat, and a user profile (@Nada Mohammed). Below the navigation bar, the word "Clubs" is centered above a grid of six club profiles.

**Club Profiles:**

- Cyber Security Club**: Leader: Ahmed Ali. Description: Cyber Security Club to develop students and create a community for those interested in this field and provide opportunities for participation and creativity in it. Buttons: Volunteer with us, View All.
- Artificial Intelligence Club**: Leader: Nour. Buttons: Volunteer with us, View All.
- Software Engineering Club**: Leader: Nada Mohammed. Buttons: Volunteer with us, View All.
- Computer & Network engineering Club**: Leader: Sanaa. Buttons: Volunteer with us, View All.
- IEEE student branch**: Leader: Samira Ali. IEEE student branch at University of Ismail. Buttons: Volunteer with us, View All.
- Google Developer Club**: Leader: Nada Mohammed. Description: We are a community of students developed at the University of Ismail with official support from Google. We learn, develop, and innovate. Buttons: Volunteer with us, View All.

**Coming Soon Sections:**

- Data science Club**: Buttons: Volunteer with us, View All.
- Computer science Club**: Buttons: Volunteer with us, View All.

**Footer Information:**

- TO-SIN**: A special platform for the clubs and activities of the College of Computer Science and Engineering at the University of Ismail.
- Categories**: Activities, Clubs.
- Services**: Chat, Technical support.
- Follow us on**: Icons for LinkedIn, YouTube, and Instagram.

# CLUB PAGE

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Six private clubs at the college will be included on the club page. The view all button allows the user to access the information for each club.

# 2. CLUB PAGE

The screenshot shows a club page interface. At the top, there is a navigation bar with a search bar, 'Home', 'Activity', 'Qube', 'Chat', and a user profile for 'Maha Mohammed'. Below the navigation bar is the club's logo, which is a blue square containing a stylized white 'W' and Arabic text 'جامعة الملك عبد الله للعلوم والتقنية'. The title 'Cyber Security Club' is displayed in bold black text below the logo. A subtitle in Arabic reads: 'Cyber Security Club to develop students and create a community for those interested in this field and provide opportunities for participation and creativity in it . . .' followed by a 'View All' link. There are two buttons: a light blue 'volunteer with us' button and a dark blue 'join' button with a cursor icon pointing at it. The 'Members' section follows, featuring a large circular profile picture of a person with the name 'Leader' and 'Maha Mohammed' underneath. Below this are smaller circular profile pictures of other members with their names: 'Social media manager Shafiq Al-Dawani', 'Writer Norah Al-Shanfari', 'Public relations Seif Al-Harbi', 'Writer Abdallah Al-Harbi', 'Graphic designer Sarah Al-Khalidi', 'Graphic designer Naseem Tabbal', and 'Coordinator Ali Saad'. The 'Posts' section is shown next, displaying three posts with small thumbnail images and a 'reply' button at the bottom of each. At the very bottom, there are two circular icons for 'TO GRAD' and 'Globe', along with links for 'Categories', 'Services', 'Follow on us', and social media icons for YouTube, Instagram, and Facebook.

Cyber Security Club

Cyber Security Club to develop students and create a community for those interested in this field and provide opportunities for participation and creativity in it . . . [View All](#)

[volunteer with us](#)

[join](#)

**Members** [View All](#)

Leader  
Maha Mohammed

Social media manager  
Shafiq Al-Dawani

Writer  
Norah Al-Shanfari

Public relations  
Seif Al-Harbi

Writer  
Abdallah Al-Harbi

Graphic designer  
Sarah Al-Khalidi

Graphic designer  
Naseem Tabbal

Coordinator  
Ali Saad

**Posts** [View All](#)

Reply

Reply

Reply

TO GRAD

Globe

Categories

Activities

Qube

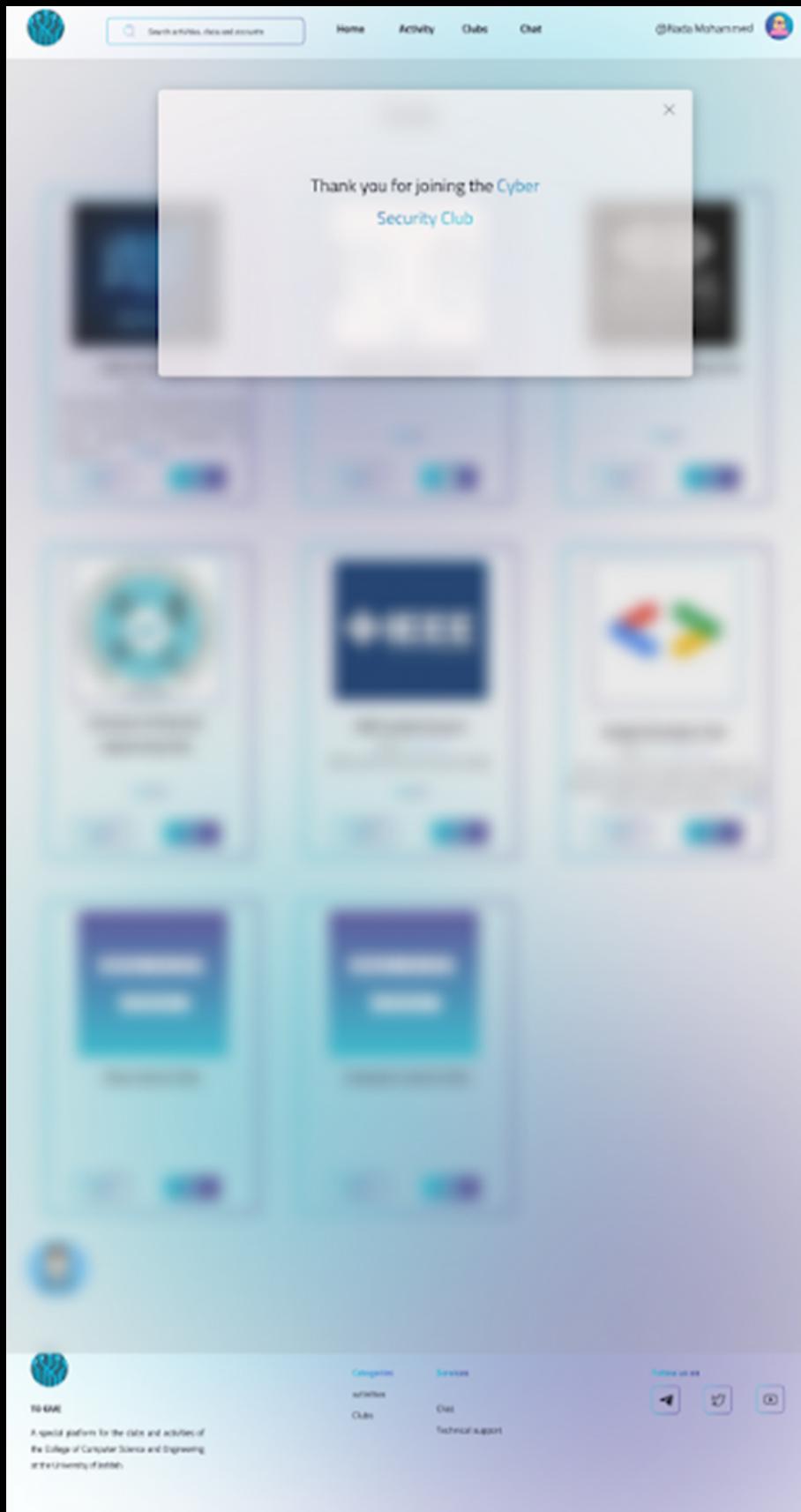
Services

Chat

Technical support

Follow on us

## 2. CLUB PAGE



## 2. CLUB PAGE

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This page will contain information about the club, such as a description of the club, its goals, and the number of members.

After clicking the join button, the user will receive a thank you message and joining information.

# 3. CLUB PAGE

The screenshot shows a club page interface. At the top, there is a navigation bar with icons for search, home, activity, cube, and chat, along with a user profile for 'Maha Mohammed'.

The main header features the club's logo, which is a stylized 'CS' inside a shield-like shape with Arabic text below it. The title 'Cyber Security Club' is displayed in bold black text.

A brief description follows: 'Cyber Security Club to develop students and create a community for those interested in this field and provide opportunities for participation and creativity in it . . .' with a 'View All' link.

Below the description are two buttons: a blue 'Join' button and a white 'View' button with a magnifying glass icon, which has a cursor pointing at it.

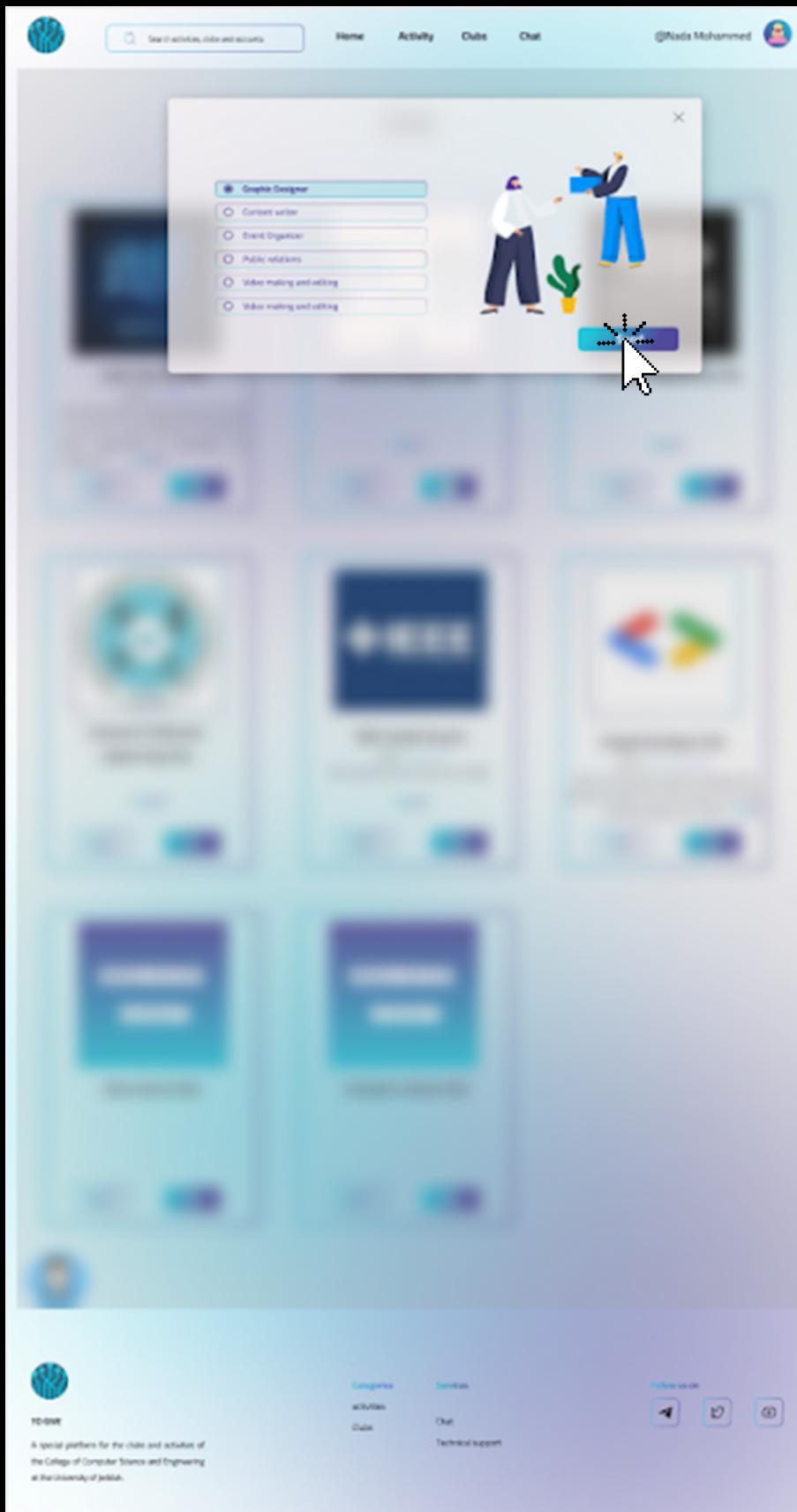
The next section is titled 'Members' with a 'View All' link. It shows a large circular profile picture of a person labeled 'Leader' and 'Maha Mohammed'. Below it is a row of smaller circular profile pictures of other members with their names and roles: 'Social media manager' (Shahla Al-Saqr), 'Writer' (Nourah Al-Shanfari), 'Public relations' (Sara Al-Harbi), 'Web developer' (Abdullah Al-Mutairi), 'Graphic designer' (Sarah Al-Khalidi), 'Graphic designer' (Naseem Rashed), and 'Coordinator' (Abeer Al-Sabah).

The final section is titled 'Posts' with a 'View All' link. It displays three posts, each with a small profile picture, a preview image, and a 'Reply' button.

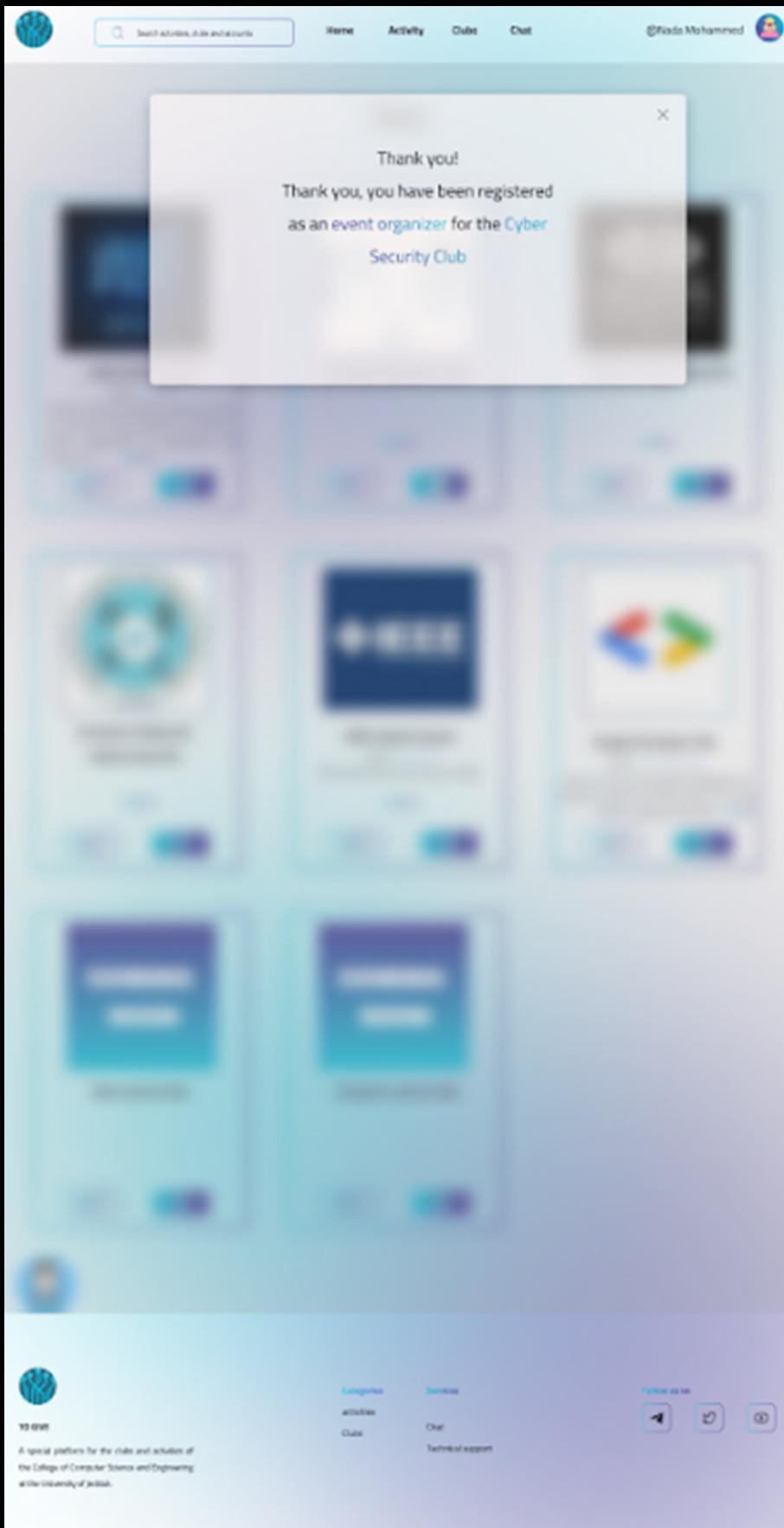
At the bottom left, there are two circular icons: one with a person wearing a headset and another with a brain. The text 'TO ERAS' is visible. At the bottom right, there are links for 'Categories', 'Services', and 'Follow us' with icons for YouTube, Instagram, and Facebook.

A footer note at the bottom states: 'A special platform for the clubs and activities of the College of Computer Sciences and Engineering at the University of Jeddah.'

# 3. CLUB PAGE



# 3. CLUB PAGE



## 3. CLUB PAGE

---

After clicking the volunteer button, the user will be able to select their position in the club and will receive a thank you message and membership details after sending it.

# ACTIVITIES

Looking for an activity ?

Pick-up date and Time: Mon 05/12 | 10:00 AM  
Pick-application: In Campus | Online  
Outs: Cyber security | Cyber security | Software engineering | Computer engineering | Artificial intelligence | Computer Science | Google developer community | Data science | IEEE

Sort: Newest | Oldest | A to Z | Z to A | Already joined

Search

Activities you've already joined

Arduino Competition

Based on your choices

CTF competition

Join the CTF competition and get a chance to win an iPhone and other prizes up to 10,000 SAR.

Mon 05/12 | 10:00 AM

Volunteer with us | Join

Kotlin Competition

The student board of the IEEE at the University of Jeddah, in cooperation with the Activation and Development Unit at the college, presents you with the activities of the Research and Innovation Month "Kotlin Competition".

Mon 18/11 | 10:00 AM

Volunteer with us | Join

Introduction To Games Development

The Google Club for Developers, located at the University of Jeddah, offers you a workshop named "Introduction To Games Development".

Mon 05/12 | 10:00 AM

Volunteer with us | Join

the Jeddah Initiative for Creativity and Innovation

Participate with us in the Jeddah Initiative for Creativity and Innovation.

Mon 03/11 | 10:00 AM

Volunteer with us | Join

UJ AI ARTATHON

Organized by IEEE Jeddah, UJ AI ARTATHON is a competition for creative and innovative ideas.

Mon 01/11 | 10:00 AM

Volunteer with us | Join

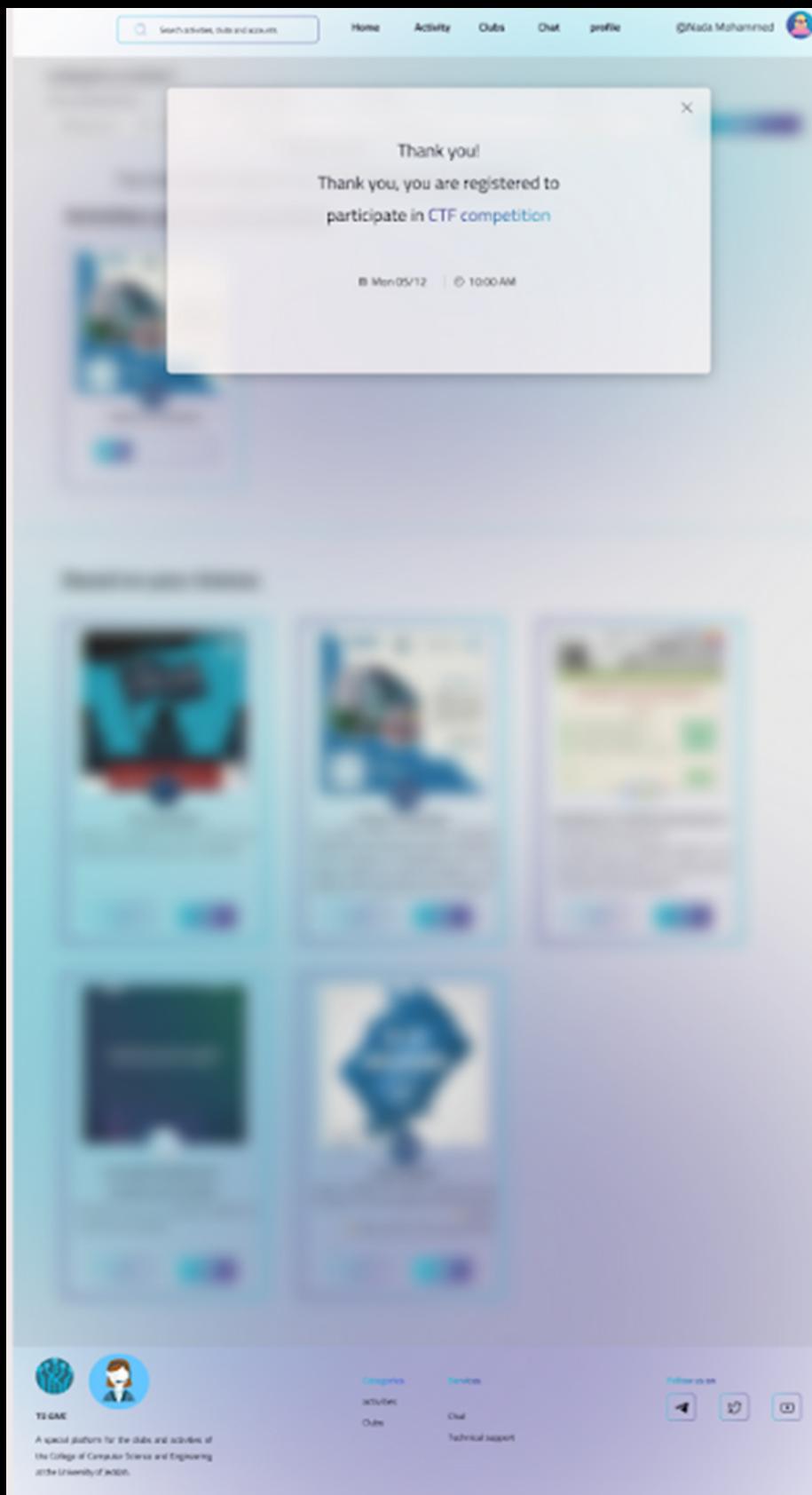
Y-GATE

A special platform for the clubs and activities of the College of Computer Science and Engineering at the University of Jeddah.

Categories: Activities | Clubs | Chat | Technical support

Follow us on:

# ACTIVITIES



# ACTIVITIES

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This page will display the activities that the user has participated in, search for new activities, arrange them, and pick among them.

After clicking the Join button, the user will receive a thank you message as well as joining information.

# 2. ACTIVITIES

The screenshot displays the Y-GATE platform interface, which is a digital platform for clubs and activities at the College of Computer Science and Engineering at the University of Jeddah.

**Top Navigation:** Home, Activity, Clubs, Chat, and a user profile for @Nada Mohammed.

**Search Bar:** Search activities, clubs and accounts.

**Filter Options:**

- Pick-up date and Time: Mon 05/12, 10:00 AM.
- Pick-application: In Campus, Online.
- Outs: Cyber security, Software engineering, Computer engineering, Artificial intelligence, Computer Science, Google developer community, Data science, IEEE.
- Sort: Newest, Oldest, A to Z, Z to A, Already joined.

**Activities you've already joined:**

- Arduino Competition (Thumbnail, Date: 18 Nov, 10:00 AM)

**Based on your choices:**

- CTF competition (Thumbnail, Date: Mon 05/12, 10:00 AM) - A cursor is hovering over the "Join" button.
- Katas Competition (Thumbnail, Date: Mon 18/11, 10:00 AM) - A thumbnail for "Katas Competition" is shown.
- Introduction To Games Development (Thumbnail, Date: Mon 05/12, 10:00 AM) - A thumbnail for "Introduction To Games Development" is shown.
- the Jeddah Initiative for Creativity and Innovation (Thumbnail, Date: Mon 03/11, 10:00 AM) - A thumbnail for "the Jeddah Initiative for Creativity and Innovation" is shown.
- UJ AI ARTATHON (Thumbnail, Date: Mon 03/11, 10:00 AM) - A thumbnail for "UJ AI ARTATHON" is shown.

**Footer:**

- Y-GATE logo and tagline: A special platform for the clubs and activities of the College of Computer Science and Engineering at the University of Jeddah.
- Categories: Activities, Clubs, Chat, Technical support.
- Icons: Home, Activity, Clubs, Chat, Technical support.

## 2. ACTIVITIES

The screenshot shows a user interface for a university club and activity platform. At the top, there is a navigation bar with a search bar, 'Home', 'Activity', 'Clubs', 'Chat', 'profile', and a user icon. A modal window titled 'Choose your field of volunteering' is open in the center. It contains a list of fields with radio buttons: 'Event organizer' (selected), 'Content writer', 'Graphic Designer', 'Public relations', 'Video-making and editing', and 'Web-making and writing'. To the right of the list is an illustration of two people, one holding a blue folder, and a cursor pointing at a blue button at the bottom right of the modal. Below the modal, there are several blurred cards representing different clubs or activities. At the bottom, there is a footer with icons for 'TO-GIVE' (two circular icons), 'Categories' (Activities, Clubs), 'Services' (Dial, Technical support), and 'Follow-up' (three small icons).

Search activities, clubs and forums

Home Activity Clubs Chat profile

©Fadia Mohammed

Choose your field of volunteering

Event organizer

Content writer

Graphic Designer

Public relations

Video-making and editing

Web-making and writing

X

TO-GIVE

Categories

Activities

Clubs

Services

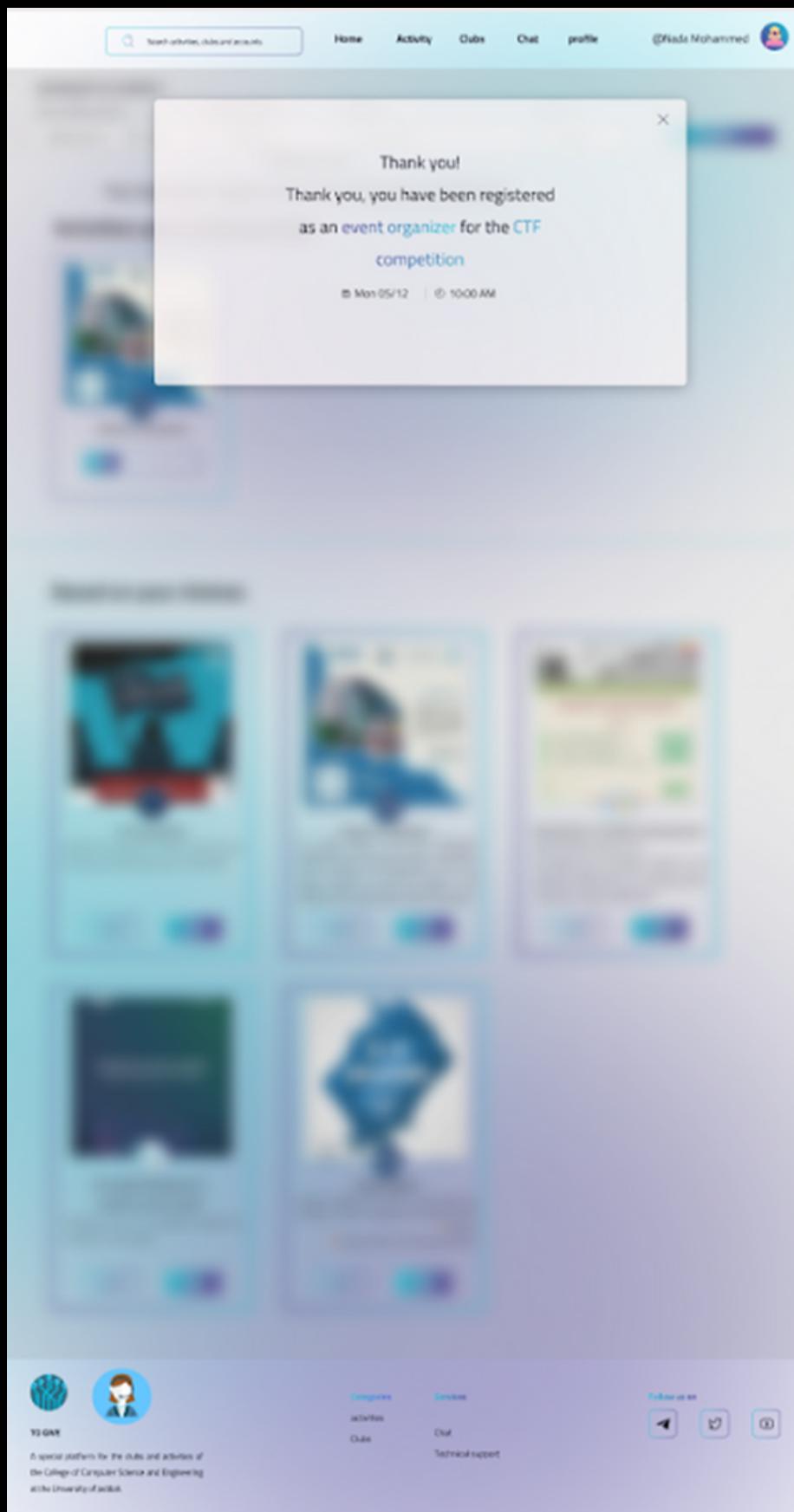
Dial

Technical support

Follow-up

# 2. ACTIVITIES

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## 2 . ACTIVITIES

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After clicking the volunteer button, the user will be able to select their position in the activity and will receive a thank you message and membership details after sending it.

# CHAT PAGE

The screenshot shows a chat interface for the "Cyber Security Club". At the top, there is a search bar labeled "Search activities, clubs and accounts". Below the search bar, there are navigation links for "Home", "Activity", "Clubs", and "Chat". On the right side, there is a profile picture for "Nada Mohammed" and a "ALL MEMBER" section. The "ALL MEMBER" section lists members categorized as "ADMIN" and "MEMBER". The "ADMIN" category includes Nada Mohammed, Sarah Ali, and Fahad Ahemd. The "MEMBER" category includes Norah Mohamed, Jana Ali, and Ahemd Saleh. In the center, there is a list of channels: "CHAT", "# General chat", "# CTF competition", and "# Digital Forensics in a Nutshell". The "# CTF competition" channel is currently selected and shows messages in Arabic. The messages include "سلام عليكم ممثلي اسفنا عن شروط المسابقة", "وعليكم السلام", "وعليكم السلام", and "سلام عليكم ممثلي اسفنا عن شروط المسابقة". At the bottom, there is a message input field with the placeholder "Message #CTF competition" and an emoji icon.

**Cyber Security Club**

# CTF competition

ALL MEMBER

ADMIN

- Nada Mohammed
- Sarah Ali
- Fahad Ahemd

MEMBER

- Norah Mohamed
- Jana Ali
- Ahmed Saleh

CHAT

# General chat

# CTF competition

# Digital Forensics in a Nutshell

Message #CTF competition

TO GIVE

A special platform for the clubs and activities of the College of Computer Science and Engineering at the University of Jeddah.

Categories

- activities
- Clubs

Services

- Chat
- Technical support

Follow us on

- Facebook
- Twitter
- YouTube

# CHAT PAGE

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On the chat page, the user has access to the events area, clubs' section, and the members with whom the user wants to communicate and participate.

# CONCLUSION AND SUGGESTION

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This website helps making volunteer clubs information such as, upcoming events and volunteering opportunities much more accessible to volunteers. in addition to that, it provides convenient channels of communication between clubs members therefore making their volunteering process more efficient.

Suggestions:

- Allowing the students to search for Activities by a specific date.
- Making an App.

# THANK YOU

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At last, we'd like to thank Dr. Rasha for her guidance, supervising this project, and helping to make this happen. We'd also like to thank the university of jeddah for providing these excellent clubs and creating many volunteering opportunities for its students.

