

Software Requirements Specification

UIU

Student

Activity

Tracker

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1. Introduction

This document is a software requirement specification for the UIU Student Activity Tracker. After giving information about the project at the beginning of the document, we will give a complete description for overview and list the requirements which meet the needs of the company.

1.1 Overview

We aim to build a system for the students of UIU, where their official and unofficial achievements' will be tracked and verified. If the student attends any event, seminar or project show then it will be added in his/her profile. This type of profile will guide any faculty in writing a recommendation letter for a student.

1.2 Motivation

This system will be helpful for the students as well as the alumni of UIU to gather all of their achievements. Students will find it easier in making CVs and resumes. Students will have the incentive to work harder as they will be able to showcase their achievements. To write recommendation letters will be easier for the faculty members.

1.3 Scope

Target Customers - All UIU students and faculty members.

2. Requirement Study & Analysis

2.1 Present Scenario

Students should be able to keep track of their activities and if there is a chance to get their activities verified it would encourage the student to keep up the good work. United International University has taken the initiative to keep track of their activities such as projects from different laboratories and internships in different companies. So, they offered the project called Student Activity Tracker for the System Analysis And Design Laboratory to give the students a chance to be a part of it.

2.2 System Study

We gathered information from benchmark products, online resources and questionnaires to conduct the system study. We mainly focused on external sources of information as ours is a new project without an existing user base. From these sources we have fixed our feature list which are described in the Functional Requirements section. Below is a more detailed look at the system study that we have done.

2.2.1 Benchmark Study

For the benchmark study we have collected data from 4 similar platforms and one online article that shares very similar functionality that we are going to implement.

The platforms are:

1. UCAM (<https://ucam.uiu.ac.bd/>)
2. LinkedIn (<https://sproutsocial.com/insights/linkedin-features/>)
3. Github (<https://github.com/>)
4. Facebook (<https://www.facebook.com/>)

Following is our benchmark analysis:

Features	UCAM	LinkedIn	Github	Facebook	Online Article 1	Our Project
1. Profile	✓	✓	✓	✓	✓	✓
2. Update Information	✗	✓	✓	✓	✓	✗
3. Achievements	✗	✓	✓	✓	✓	✓
4. Chat	✗	✓	✗	✓	✓	✗
5. Events	✗	✓	✗	✓	✗	✓
6. Notification	✗	✓	✓	✓	✓	✓
7. Tag	✗	✓	✓	✓	✗	✓
8. Search	✗	✓	✓	✓	✓	✓
9. Data Control	✗	✓	✓	✓	✓	✓
10. Verification	✓	✓	✓	✓	✗	✓

2.2.2 Online Article

We studied an online article for a general idea of how a social website should look like. A quick login is a must for every social website. We also found that user interaction can be enhanced using notifications, such as when tagging or sending requests.

2.2.3 Survey

We chose a questionnaire to gather information to examine a large number of respondents at the same time. We used Google Forms to create our questionnaire.

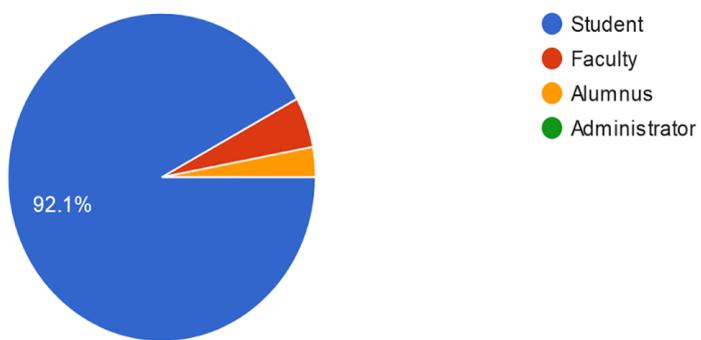
The following are the demographics of our respondents:

A total of 108 people have responded to our survey until now.

Our respondents were male and female students, alumni and teachers of UIU. Most of them were undergraduate students, however, we had some respondents with Honors, Masters and PhD degrees.

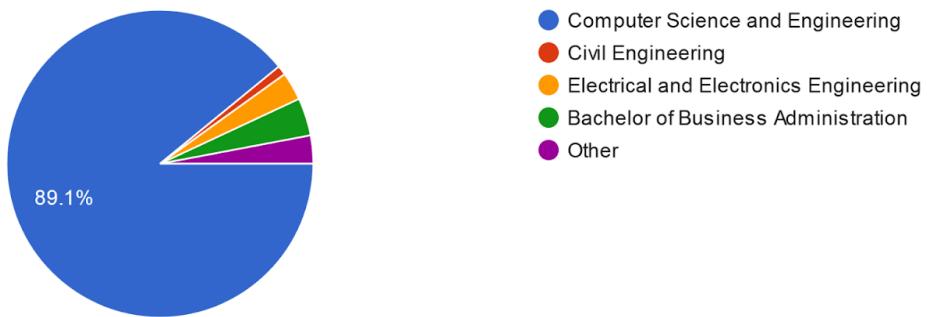
What is your role?

101 responses



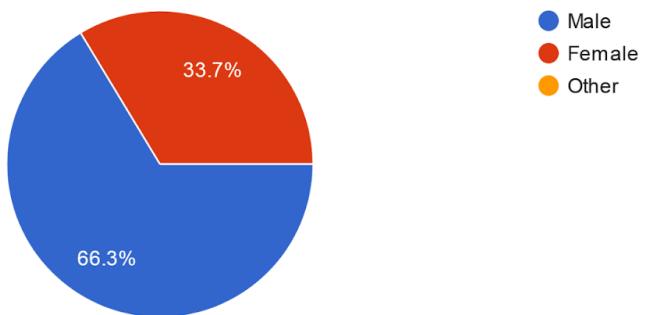
What is your department?

101 responses



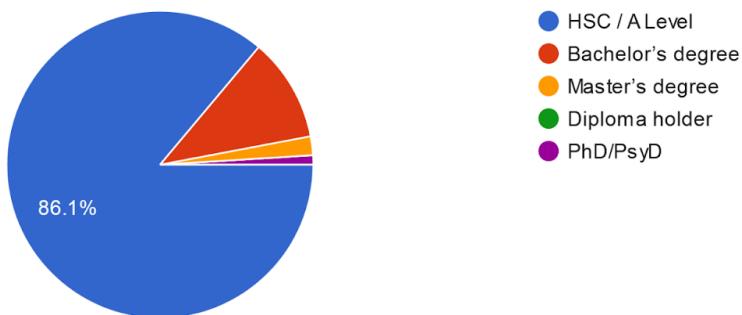
What is your gender?

101 responses



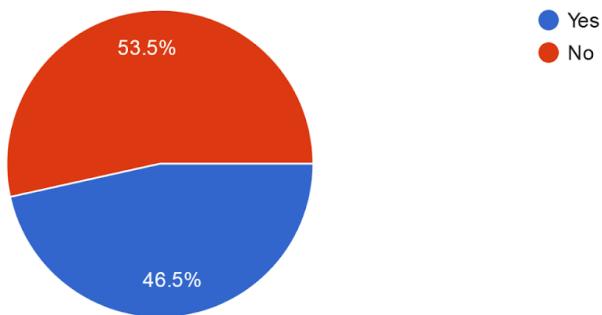
What is your highest qualification?

101 responses



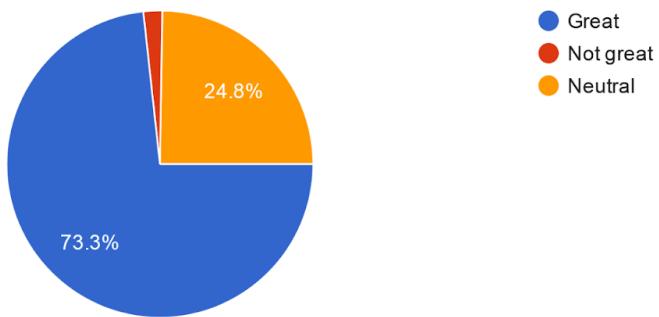
Are you connected to any other platforms where you can show your achievements?

101 responses



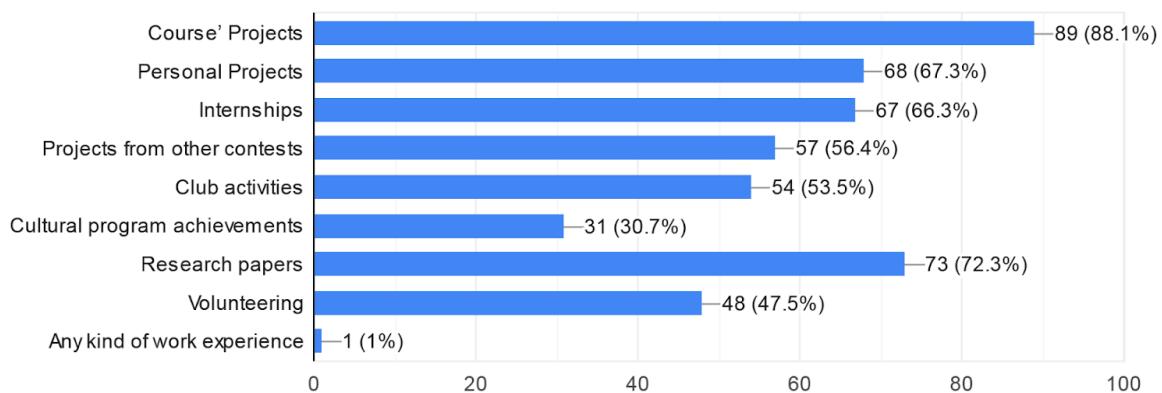
How do you feel showing your skills/achievements on an academic website?

101 responses



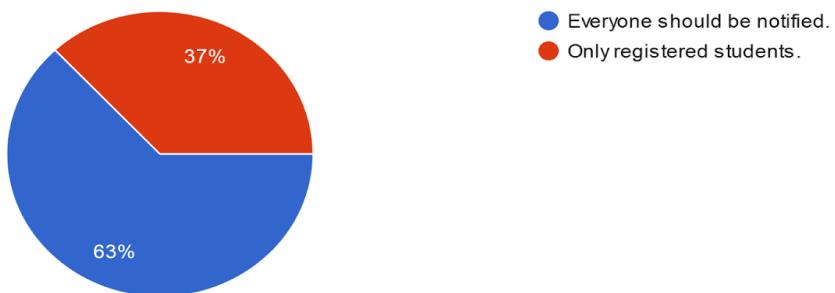
What types of activities do you want us to keep track of? (Select Multiple Answers)

101 responses



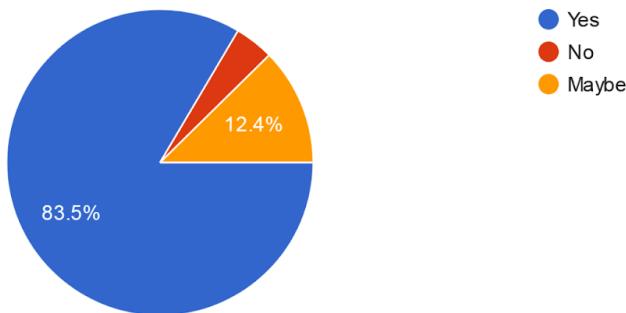
When an event is created, which students on the website should be notified?

100 responses



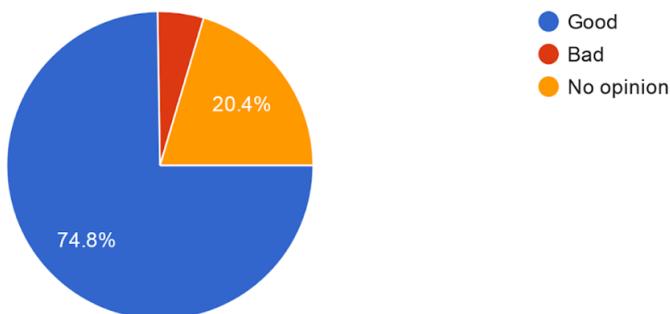
Should already-registered students be able to enroll themselves in events, asking for a participation badge?

97 responses



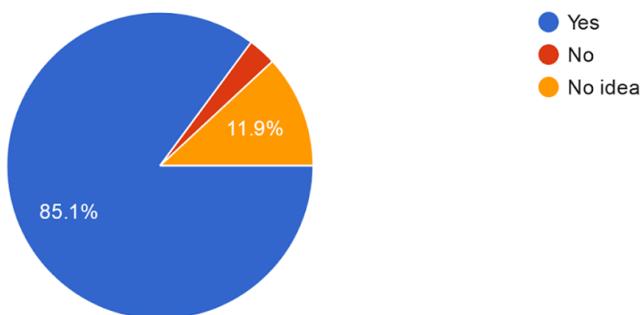
How do you feel about our tag feature (Moderators can tag you in an event that you participated in)?

103 responses



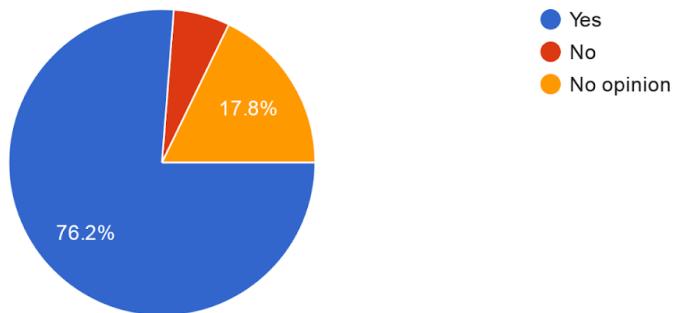
Do you think students' achievements verified by the authorities will increase students' spirits?

101 responses



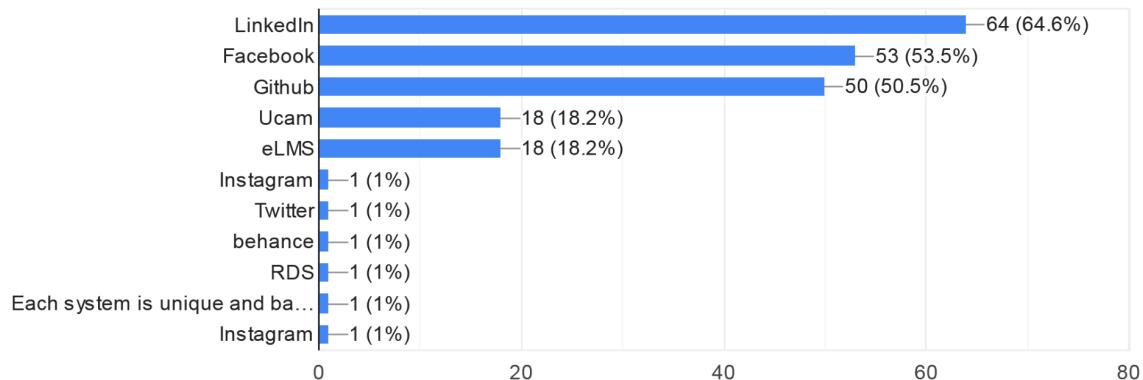
When you upload an achievement, would you want to add keywords with which your achievement can be identified?

101 responses



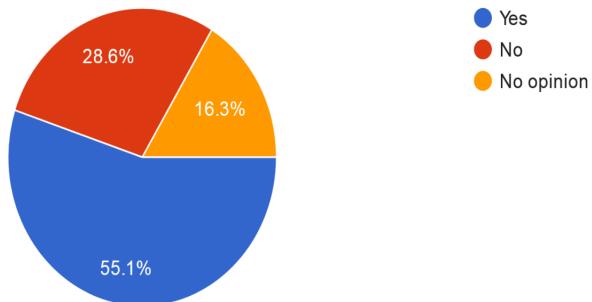
Which system's website design do you like the most?

99 responses



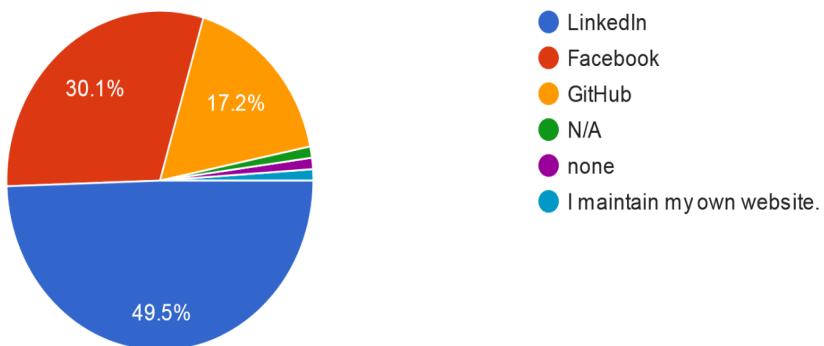
If you have an account in any of the above websites, are you bothered by advertisements there?

98 responses



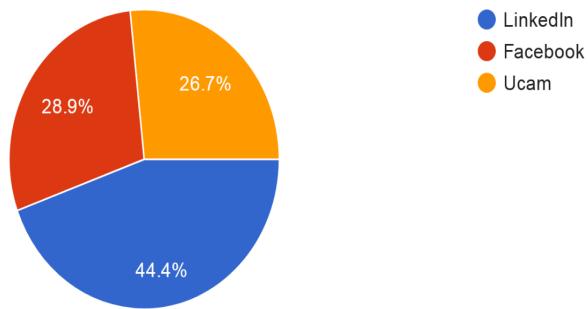
Which website gives you most benefits regarding achievements you post?

93 responses



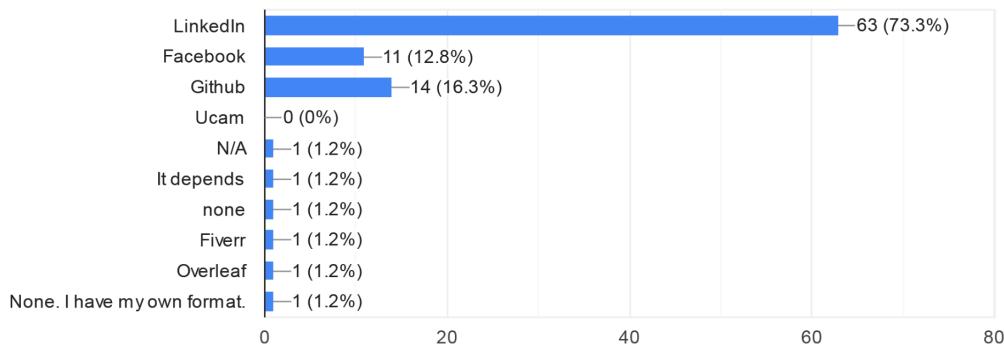
According to you, which website offers the best privacy settings?

90 responses

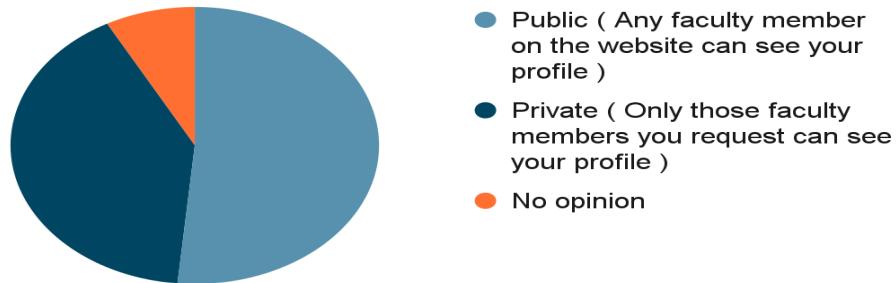


Which website do you mostly use to help you make a CV?

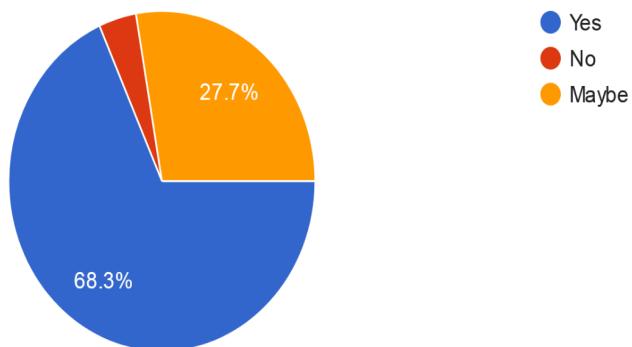
86 responses



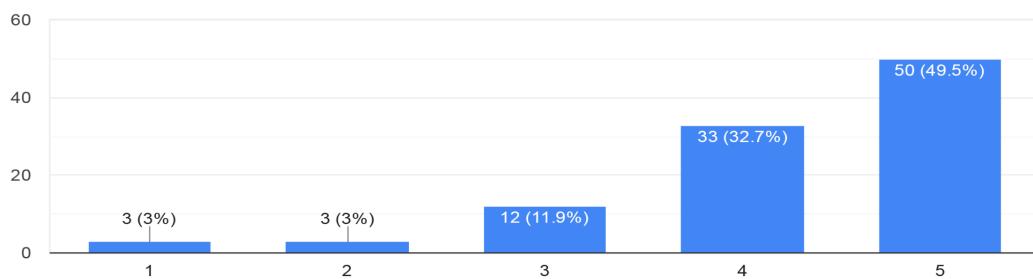
How do you like your profile? 101 responses



Do you feel like our activity tracker will help you when it comes to recommendation letters?
101 responses



On a scale of one to five, how much would you rate our proposed system?
101 responses



Amount Of Responses In Favor Of Each Feature

1. Profile - 73%
2. Show Achievements - 73%
3. Events - 63%
4. Tag - 75%
5. Notification - 64%
6. Search - 76%
7. Achievement Verification - 85%
8. Data Control - 72%

Extra Feature - 41% want their profile to be private (visible to only designated faculty members) so we might think about it.

All of the above proposed features have received positive feedback, so we are going to implement them all.

2.2.4 In-Person Interviews

The following is the interview questions and responses we have gathered by interviewing different departments' faculty members.

Interviewer Questions or Objectives	Interviewee Responses
<p>Could you please share your experience when you completed your graduation and made a CV for searching jobs?</p> <p>a. What were the problems you faced? b. What were your expectations? c. Were you satisfied with your process? d. Do you want to change/develop the current system in place?</p>	<ul style="list-style-type: none">• No portfolio required• Confusion on making different types of CV• Forgot the achievements from a long time ago• No verification• System should be changed
<p>How do you feel about having a student's achievements in UIU to be displayed on a website?</p>	<ul style="list-style-type: none">• It will be a great opportunity for students and filtering them via CV• Motivation and idea for a student
<p>What do you do when you want to attain records/achievements of a sports team or maybe records about a university, etc.?</p> <p>Follow-Up</p> <p>Which websites/apps do you visit most often to attain these records?</p>	<ul style="list-style-type: none">• Searching in Google or the different sites according to the topics.• Do manual searching like, asking moderators or admins

<p>What website or data do you use when writing a recommendation letter?</p>	<ul style="list-style-type: none"> ● Courses done under the supervision of the faculty member ● Looked into the student's sincerity ● Result history from UCAM ● Extracurricular Activities like clubs & forums participation (Project Show, MUNs, Debates, etc)
<p>If you had all the achievements of a student stored in one place, would you use that information in any way?</p> <p>Follow-up</p> <p>How would you use that information?</p>	<ul style="list-style-type: none"> ● UA and RA recruitment ● Filtering out students for different purposes ● Data analysis purpose ● Easy to make a recommendation ● Club members findings with good experiences ● Job history ● Easy to collect CV ● Moderators for clubs & forums ● Interned Students

<p>Would you want achievements posted by students to be verified by someone trustworthy? (Verifying means manually checking individual achievements and giving them a tick)</p> <p>Follow-Up</p> <p>Who do you think should verify students' achievements?</p>	<ul style="list-style-type: none"> ● Yes, that's a good way. ● The designated faculty member can verify students' achievements & term-paper ● Project shows and other events can be verified by the host or DSA or CCC depending on the events. ● Need certificate to verify ● Only verified sources of extracurricular activities
<p>How would you feel if some student of yours asked you to verify a certain achievement?</p>	<ul style="list-style-type: none"> ● Would do it willingly, if possible ● E-mail notification would be better.
<p>There will be a search bar on our website. What kind of information would you like to search about on the website?</p>	<ul style="list-style-type: none"> ● Filter out based on the requirements ● Sub-categories can be helpful ● History of events & project shows ● Skills ● Academic information ● Companies under which internships were done

<p>Could you name some types of achievements that you would like to be present on our website?</p>	<ul style="list-style-type: none"> ● Internships, projects, term-paper, MUNs, English participation, soft skills, school achievements, sports ● Hardware/ Software tools (circuit simulation, PCB design software, MATLAB, python, microcontroller software, statistical tools, etc)
<p>Is this project a great opportunity for students to gather their achievements in one frame?</p>	<ul style="list-style-type: none"> ● Yes.
<p>What do you think? How can we encourage students to use this site?</p>	<ul style="list-style-type: none"> ● The benefitted outcomes for storing data in one place ● Do some kinds of registration in that website ● Get recruitment notices ● Can apply for UA or RA ● Display rankings ● Easier & much reflective build up a profile

2.3 Gap Analysis:

1. Most competitors allow Feature 2 (Update Information), but our system doesn't. This is because platforms such as Facebook and Github are informal and for personal use only, so users can update their information as much as they want. Those information are usually not verified. But our website contains only verified information which are unlikely to be changed anyway can't simply be allowed to be changed by the students.
2. UCAM doesn't have Feature 3 (Achievements), but others as well as our project does have this kind of feature to show their achievements to any faculty member (strength).
3. Most competitors have Feature 4 (Chat), but our system doesn't. We don't need to implement this feature because we found little to no relevant use of messaging in our system.
4. Ucam and GitHub don't have the Feature 5 (Events), but our website will have this feature. In GitHub and Ucam, there is no need for them to create events since they are global, but in our website, we will have different events related to UIU.
5. Ucam doesn't have Feature 6 (Notification) because there is no need for any communication in it. But in our website, there has to be a link between the students and faculty members. There will be various work that will need multiple users' assistance. Because of that we will need a notification feature.
6. UCAM keeps track only of the courses of the students. So, it doesn't have Feature 7 (Tag), but our project keeps track of all achievements. So, we need an event feature.

2.4 Feature list fixation:

2.4.1 Functional Requirements

Our system will mainly consist of the 8 following features:

1. Profile
2. Show Achievements
3. Events
4. Tag
5. Notification
6. Search
7. Achievement Verification
8. Data Control

Here is a brief description of the functional requirements of the system.

1. Profile

Achievements such as projects, internships, certificates, etc, will be displayed. Students can show their achievements in the profile where skills will be used as keywords, which is helpful when faculty members search for the skill. The achievements will be displayed in categories. Faculty members can visit the students' profiles.

2. Show Achievements

To gather all the projects in one place to show the academic works done by and outside skills of a student. So when a faculty will go through a student's profile, this will help them write a strong recommendation letter for the student.

Workflow: A student can share their project, internships, and other skills in the profile. When the student will upload any achievement, the student can request a faculty member for verification of that achievement. It may then be verified by that faculty member.

3. Events

Events refer to events by clubs, programming contests, concerts, seminars/webinars, etc., where mass participation exists.

Workflow: The moderators can create events and tag the students that participated, who, in turn, will receive notification about this event. If they accept the tag, it will be added to their profile. Only the faculty members, moderator and the clubs' representatives can create the events. Regular students won't be able to do this.

4. Tag

Workflow: Events will be created by admins. The admins may 'tag' students who were part of these events to send them a notification to accept the achievement. Only the people who create events will be able to tag others.

5. Notification

Workflow: Whenever a new event will be added, a notification will be sent to the tagged people in the event for them to add that achievement to their profile. Students can request faculty members to approve an achievement, in which case a notification will be sent to the faculty member.

6. Search

Workflow: Faculty members will be able to search individual students, events, skills (programming languages, sports, cultural activities, etc), courses, etc. From there, they may tag the students, or just view the profile information. Students will be able to search teachers and events. From there, students may request faculties to add them in an event as a participant.

7. Achievement Verification

Students can 'tag' a faculty member for verifying their achievement. A 'notification' will reach the faculty. The faculty can look into the achievement and verify it (maybe via a tick mark).

8. Data Control

The user has full control of their data. They can delete any data of theirs whenever they want, and our servers won't retain the data.

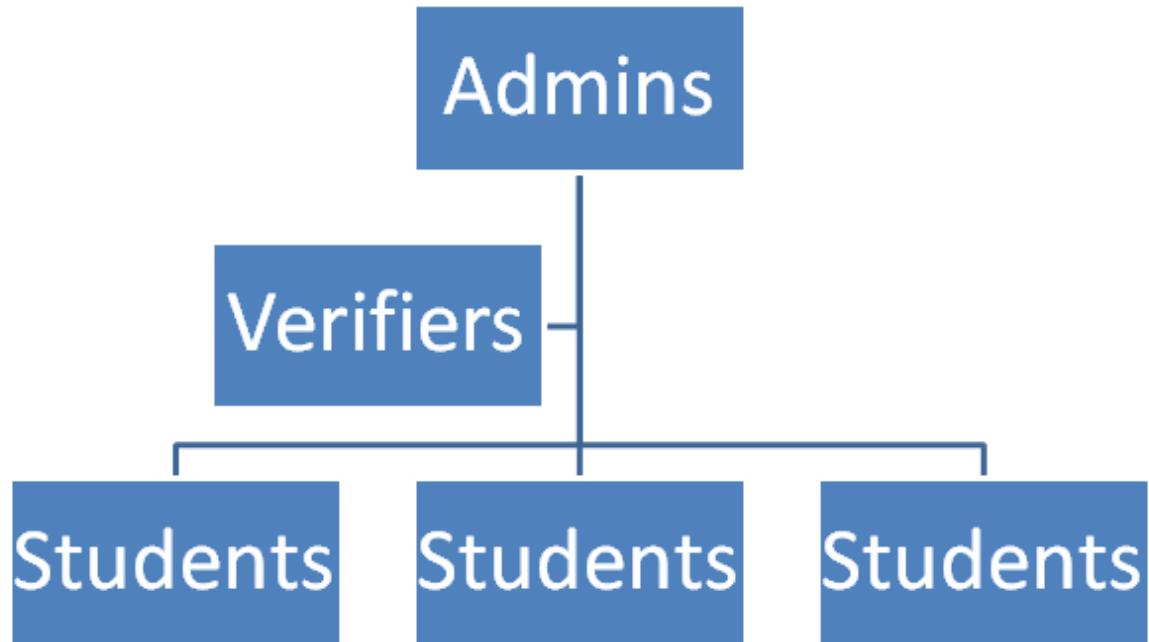
2.4.2 Non-Functional Requirement

Here is the list of the non-functional requirements of the system:

1. There is no restriction on the number of users to be added to the system.
2. There is no restriction on the number of achievements a student can post in the system.
3. Front-end technologies that should be used: HTML, CSS, JavaScript.
4. Web framework that should be used: Laravel/CodeIgniter
5. Database that should be used: MySQL.
6. System should be hosted on a dedicated server.
7. Data should be cached for faster loading.
8. Cookies should contain login information for a specified amount of time.
9. Priority should be given to privacy.

10. Traffic should be eased for specific verifiers.
11. Workflow should be made as efficient as possible.

2.5 System Organogram



3 Feasibility Analysis

3.1 SWOT Analysis:

Strengths

- A new, easy-to-use product to showcase skills faster.
- We know the problems we faced, so we can relate to the users.
- Good, basic marketing plans.

Weaknesses

- We don't have sufficient financial resources to participate in such a project.
- We don't have enough experience to execute the project

Opportunities

- Little to no competitors
- Emerging need for the software due to more demand for displaying skills (that too easily)
- We can easily get the human resources to build and maintain the software as the backend languages are common.

Threats

- Security will a little weak due to programming language
- Easy to replicate software

3.2 Financial Feasibility Analysis (Cash Flow Analysis)

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<u>Tot</u> <u>al</u> <u>Eq</u> <u>ui</u> <u>me</u>	<u>12</u> <u>1.0</u> <u>00</u> <u>00</u>		<u>21.</u> <u>0.0</u> <u>00</u> <u>0</u>		<u>21.</u> <u>0.0</u> <u>00</u> <u>0</u>		<u>21.</u> <u>0.0</u> <u>00</u> <u>0</u>		<u>21.</u> <u>0.0</u> <u>00</u> <u>0</u>		<u>21.</u> <u>0.0</u> <u>00</u> <u>0</u>		<u>21.</u> <u>0.0</u> <u>00</u> <u>0</u>
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<u>Sof</u> <u>tw</u> <u>re</u> <u>Co</u> <u>sts</u>	<u>2</u> <u>0.0</u> <u>00</u>		<u>2</u> <u>0.0</u> <u>00</u> <u>00</u>		<u>2</u> <u>0.0</u> <u>00</u> <u>00</u>		<u>2</u> <u>0.0</u> <u>00</u> <u>00</u>		<u>2</u> <u>0.0</u> <u>00</u> <u>00</u>		<u>2</u> <u>0.0</u> <u>00</u> <u>00</u>		<u>2</u> <u>0.0</u> <u>00</u> <u>00</u>
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<u>Total</u> <u>Exp</u> <u>ens</u> <u>es</u>	<u>28</u> <u>8,0</u> <u>00.</u> <u>00</u>		<u>18</u> <u>8,0</u> <u>00.</u> <u>00</u>		<u>18</u> <u>8,0</u> <u>00.</u> <u>00</u>		<u>18</u> <u>8,0</u> <u>00.</u> <u>00</u>		<u>66,</u> <u>00</u> <u>00</u> <u>0</u>		<u>66,0</u> <u>00.0</u> <u>0</u>		<u>66,</u> <u>00</u> <u>00</u> <u>0</u>

Revenue Streams

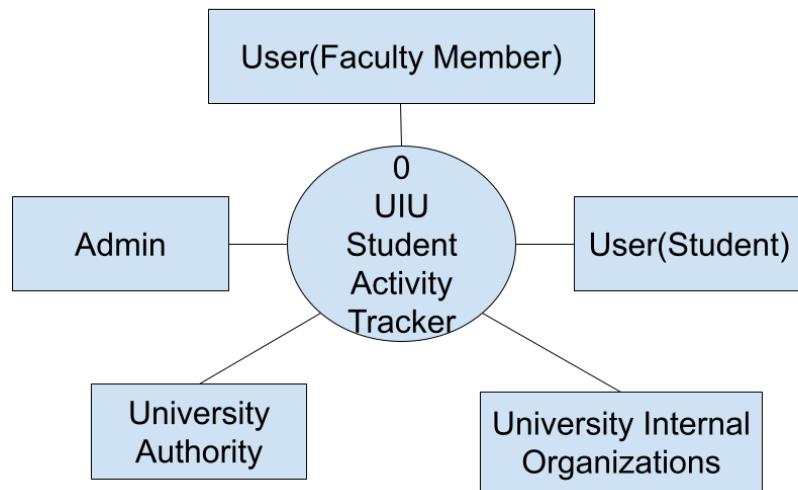
Cash Flow Analysis												
Months	1	2	3	4	5	6	7	8	9	10	11	12
Expenses	₦ 288,00 0.00	₦ 188,00 0.00	₦ 66,000 .00									
Revenue	₦ 80,000 .00	₦ 80,000 .00	₦ 80,000 .00	₦ 160,00 0.00	₦ 160,00 0.00	₦ 160,00 0.00	₦ 165,00 0.00					
Cash Flow	-₦ 208,00 0.00	-₦ 108,00 0.00	-₦ 108,00 0.00	-₦ 28,000 .00	-₦ 28,000 .00	-₦ 28,000 .00	-₦ 99,000 0.00					
Accumulating Cash Flow	-₦ 208,00 0.00	-₦ 316,00 0.00	-₦ 424,00 0.00	-₦ 452,00 0.00	-₦ 480,00 0.00	-₦ 508,00 0.00	-₦ 409,00 0.00	-₦ 310,00 0.00	-₦ 211,00 0.00	-₦ 112,00 0.00	-₦ 13,000 .00	-₦ 86,000 .00

4. System Design

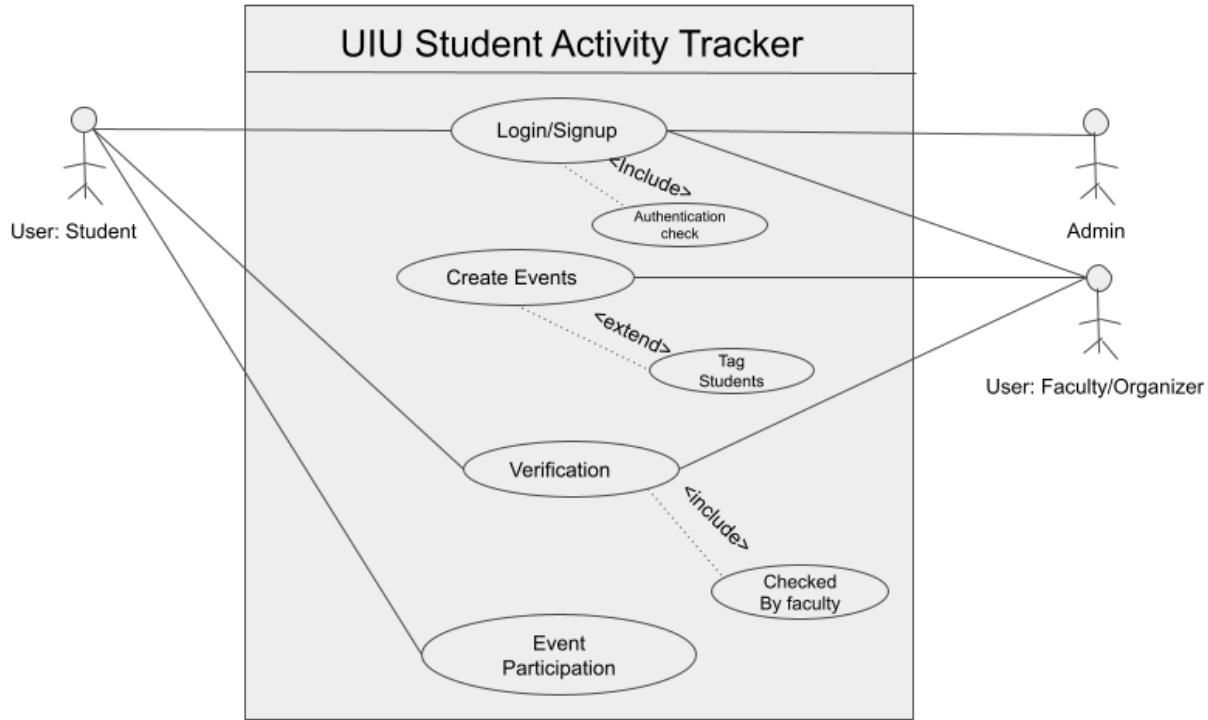
The system has been designed with the various diagrams to clearly show what must be done and how it should be done.

4.1 Context Diagram

The context diagram shows us who are the actors or the initiators in our system.



4.2 Use-case Diagram



4.3 Use Case Descriptive Form

UC 01: Login / Signup

Primary Actor: User

Stakeholders and Interest:

- Student and Faculty Members: Want to login quickly using their credentials and want a safe and secure connection.
- UIU Authority: Wants to know how many users are using the website, how many students register every day, etc.

Preconditions: In order to register on the website, he/she must be a member of the university.

Success Scenario:

1. If no account, students and faculty members register themselves as students on the website with the proper information.
2. If an account is present, users login using their username and password.
3. After the signup, users can choose their action according to their role.

Alternative Scenario:

1. At any time, the system can crash:
 1. If this happens, the admin will take proper action to keep the system running.
 2. System re-constructs prior state manually by the admin.
- 1-3. Invalid data (Unauthorized login):
 2. People outside of the institution try to register but can't register them.
 3. In this case people outside of the institution can't login because they are out of the system and they will be blocked by the admin.

Post-conditions: Registration is completed. Now, the users (students) can upload their project and request a user (faculty member) to get his/her project verified. Students can get their achievement badge. Faculty members can open/close any event or seminar.

UC 02: Create Events

Primary Actor: Faculty Member

Stakeholders and Interest:

- **Student:** Students will be the users of our website. They will know about all the information about events and participate accordingly. They can also request faculty members to tag them in the event.
- **Faculty Member:** Faculty members are our other end users, and they will create the events for students and can edit/close any event anytime.
- **UIU Authority:** University wants to know how many users are using the website and how many students are participating in seminars and events.

Preconditions: In order to create an event on the website, he/she must be a faculty member of the university who is registered on the website.

Success Scenario:

1. An event is created successfully fully by a faculty member using date, description, etc.
2. After the event is created a student can request the faculty member to tag them in the event.
3. Faculty members can accept students' tag requests.
4. Faculty members can themselves tag students who participated in the event.

Alternative Scenario:**1. In case of System Failure:**

1. An error message will prompt the user to create the event again.
2. Admin will manually create an event for them.

1-3.Server error:

1. Faculty members fail to create an event on time.
2. Faculty member didn't receive the tag request notification from students.
3. Students didn't get notification that an event was created/didn't get notified when the faculty member approved their tag request.

4. Incorrect information about events:

1. If the date or the time of the event is changed for some reason but the faculty member forgot to edit that information then students will reach the venue on the wrong day/time.
2. If the event is canceled and students are not notified about that.

Post-conditions: Event is successfully created by a Faculty member. Now, the users (students) can participate in the events and request a faculty member to tag them in the event. Faculty members can accept students' tag requests. Students can also get a participation badge added to their profile after a faculty/organizer verifies that. Faculty members can close/edit any event or seminar.

UC 03: Event Participation

Primary Actor: User

Stakeholders and Interest:

- **Student:** Students will be the users of our website. Students can find events and see the events they are volunteering for. They can also see the list of responsibilities assigned to them.
- **Faculty Member:** Faculty members can assign responsibilities and keep track of the overall flow of the event: its completed works and remaining works.
- **Clubs / UIU Organizations:** UIU Organizations or Clubs will also have the same responsibilities of **Faculties**. They can assign responsibilities and keep track of the overall flow of the event: its completed works and remaining works.
- **University:** Will monitor and benefit from the success of the program.

Preconditions: In order to participate in events, users must be logged in, verified, and tagged.

Success Scenario:

1. The **Student** searches for an event.
2. The **Student** sees the tasks assigned to them
3. The **Student** carries out the task and reports it as completed.
4. The moderator sees the completion of the tasks.
5. The program has been executed successfully.
6. Moderators can give further remarks on a **Students** performance

Alternative Scenario:

1. The student fails to complete most tasks
 - 1.1. In this case the event progression will not be 100% but it won't also guarantee that the event wasn't a success
2. The event hasn't been put online.
 - 2.1. In this case we would show an error that the event isn't found.
 - 2.2. If the account is an organizer(faculty/organization), then it would show an option to create event
3. Miscommunication and mismanagement would result if a **user** is not getting their responsibilities list.
 - 3.1. The user might not know what they are supposed to do, they can then appeal for a physical(on-site) responsibilities list.
4. Server error would fail to report the status of the tasks completed.
 - 4.1. In this case, the student would physically inform the organizers of the completed task.

Post-conditions: The event participation is done. The moderator can acknowledge the user by giving the student remarks, and the event details (along with the user's responsibilities carried out) will be displayed on the user profile.

UC 04: Achievement Verification

Primary Actor - Faculty/Department Member

Stakeholders And Interests

Student - Sends a request to a faculty/department member to verify the specific achievement to be verified as soon as possible.

Faculty/Department Member - Receives a request from students to verify the specific achievement, wants to quickly and efficiently check out the achievement and verify it via a tick mark.

University Authority: Wants students and faculty/department members to actively engage in the verification process to increase productivity and reputation.

Preconditions: The student must have uploaded an achievement.

Success Scenario:

1. Student requests/tags a faculty/department member to verify their achievement.
2. A notification reaches the designated verifier.
3. The verifier opens the achievement and checks it out.
4. The verifier either verifies or declines to verify the achievement.

Alternative Scenario:

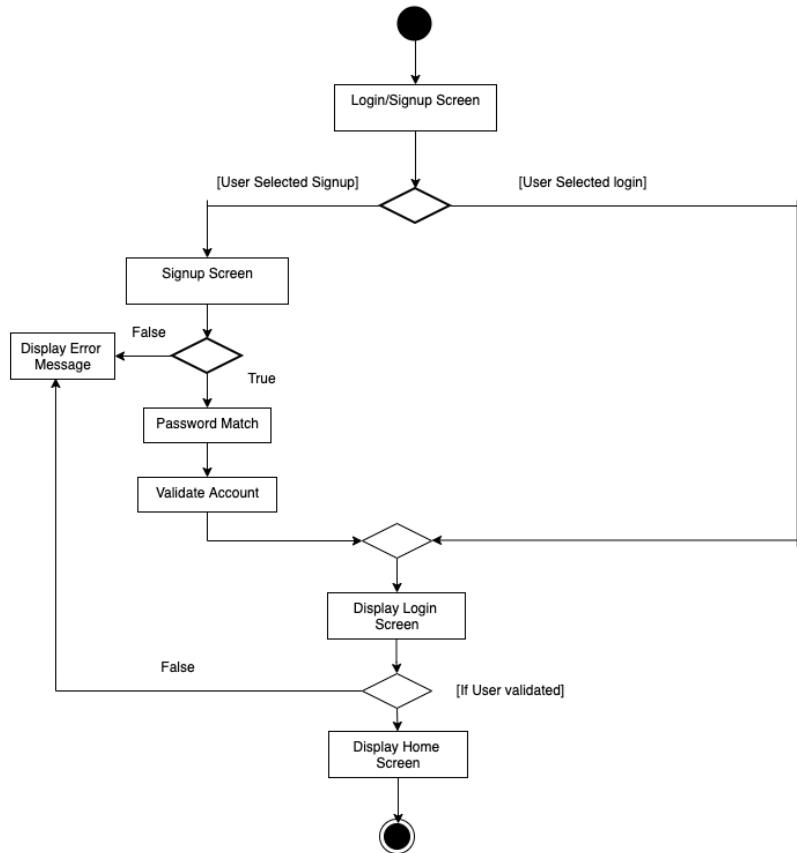
1. If a notification does not reach any verifier, an error message is displayed for the student to send the request again.
2. If verification/decline is not registered, an error message is displayed for the verifier to verify/decline again.

Post-Conditions:

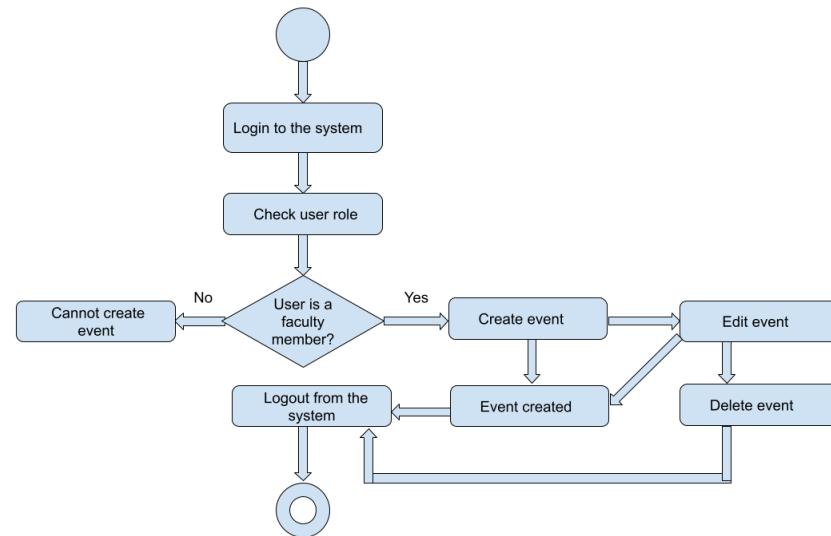
1. A notification reaches the student letting them know the result (verified or declined).
2. If verified, a tick mark appears next to the achievement.

4.4 Activity Diagrams

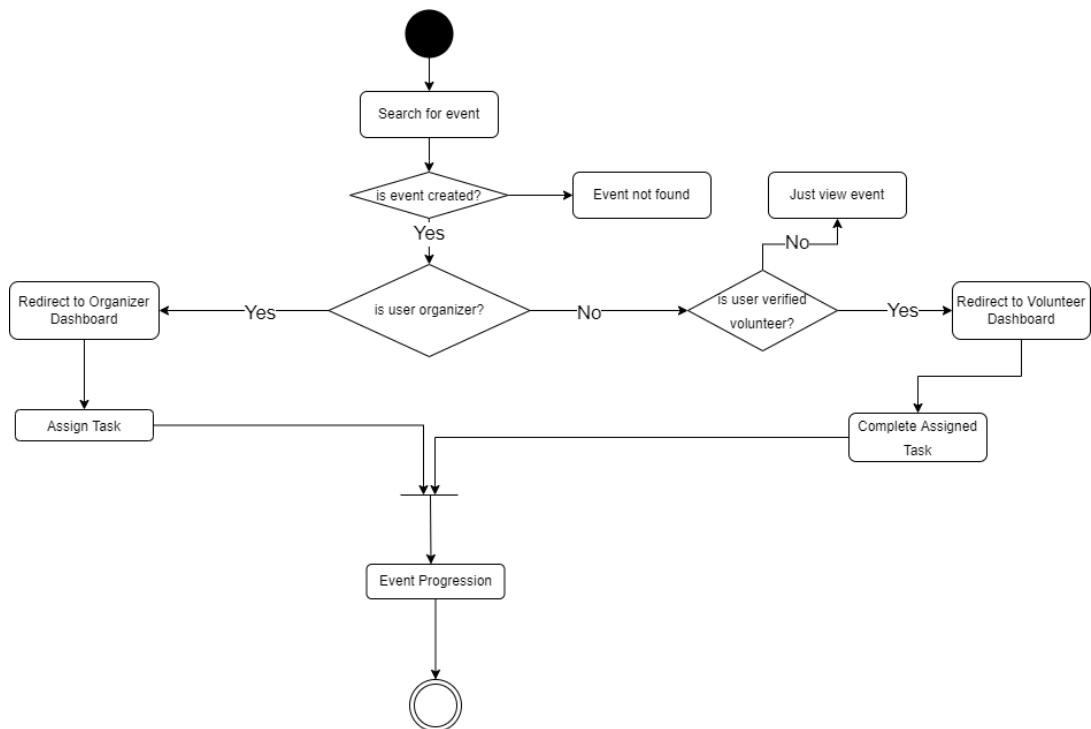
Activity Diagram for UC 01:



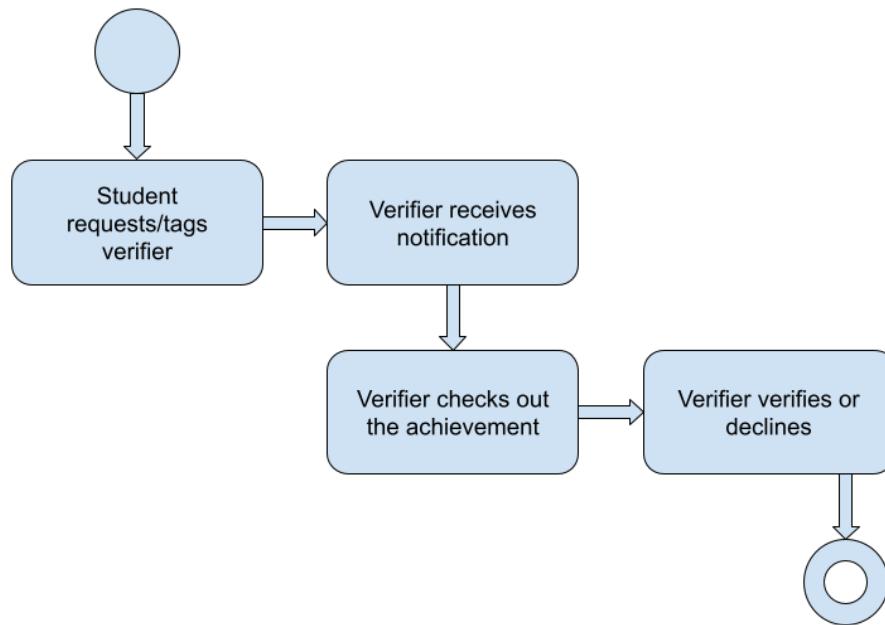
Activity Diagram for UC 02:



Activity Diagram for UC 03:

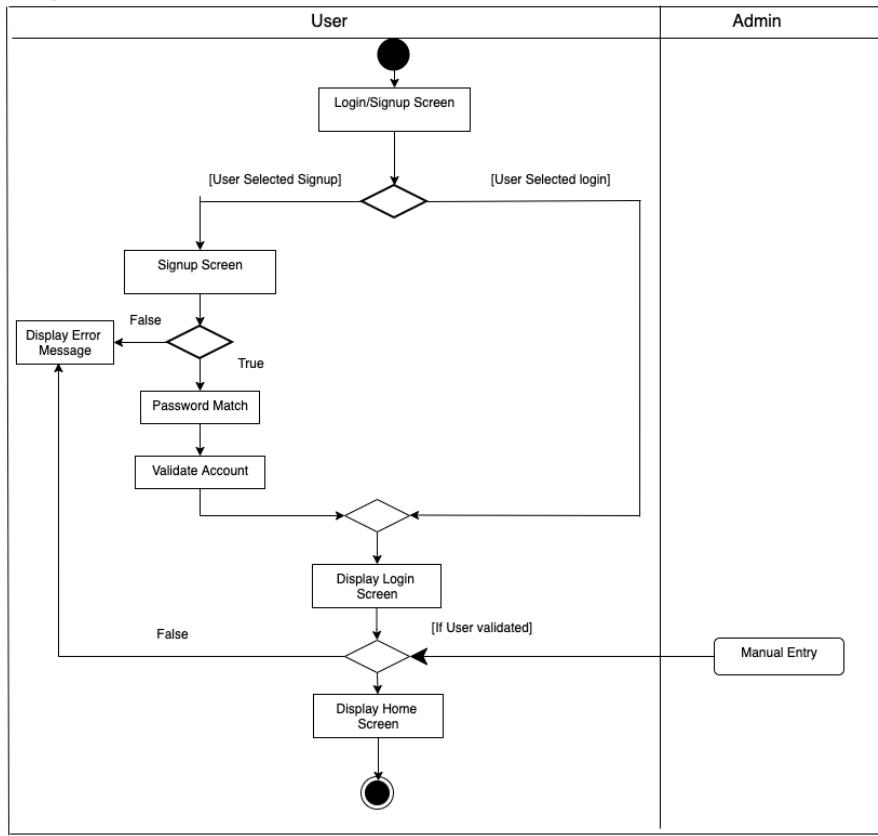


Activity Diagram for UC 04:

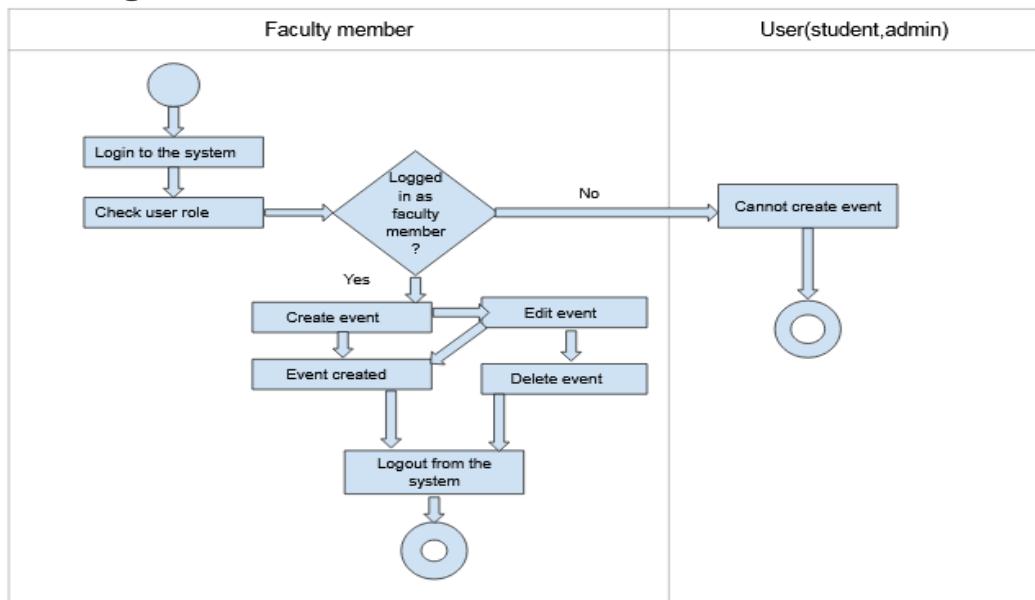


4.5 Swimlane Diagrams

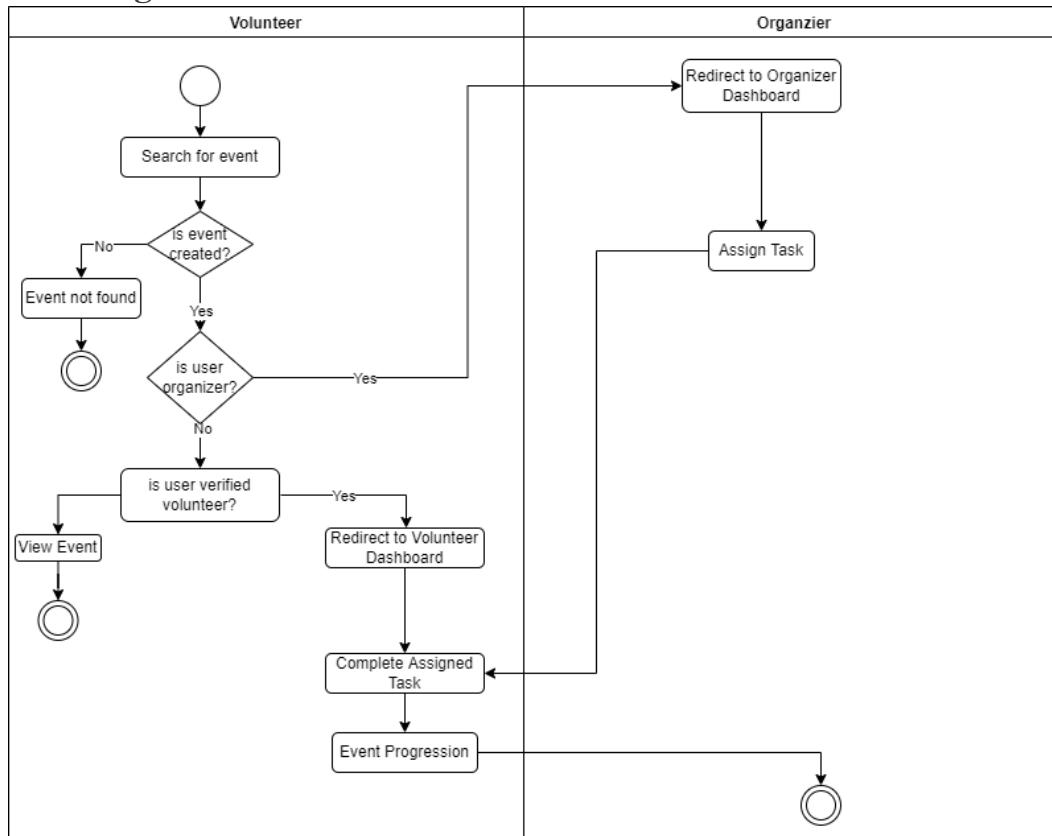
Swimlane Diagram for UC 01:



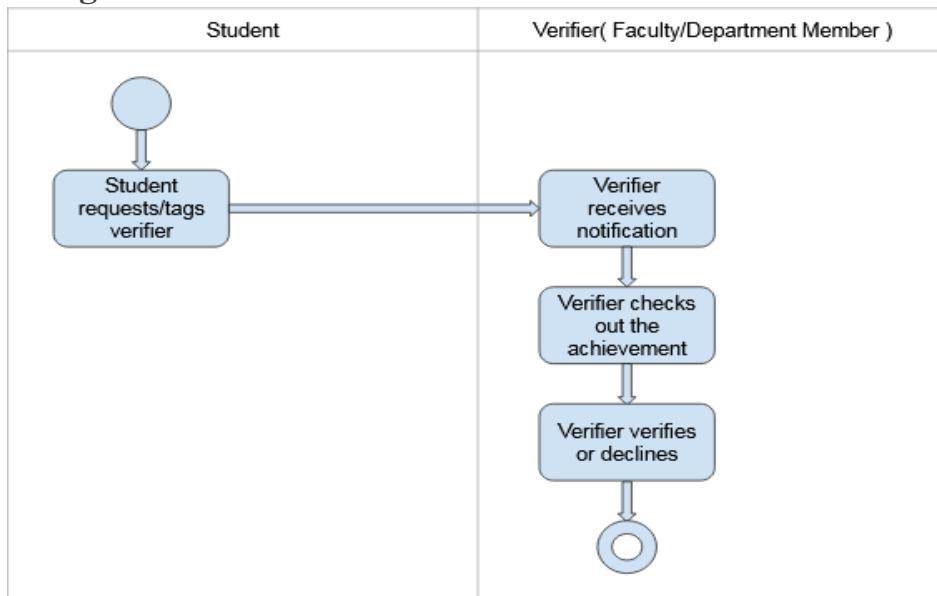
Swimlane Diagram for UC 02:



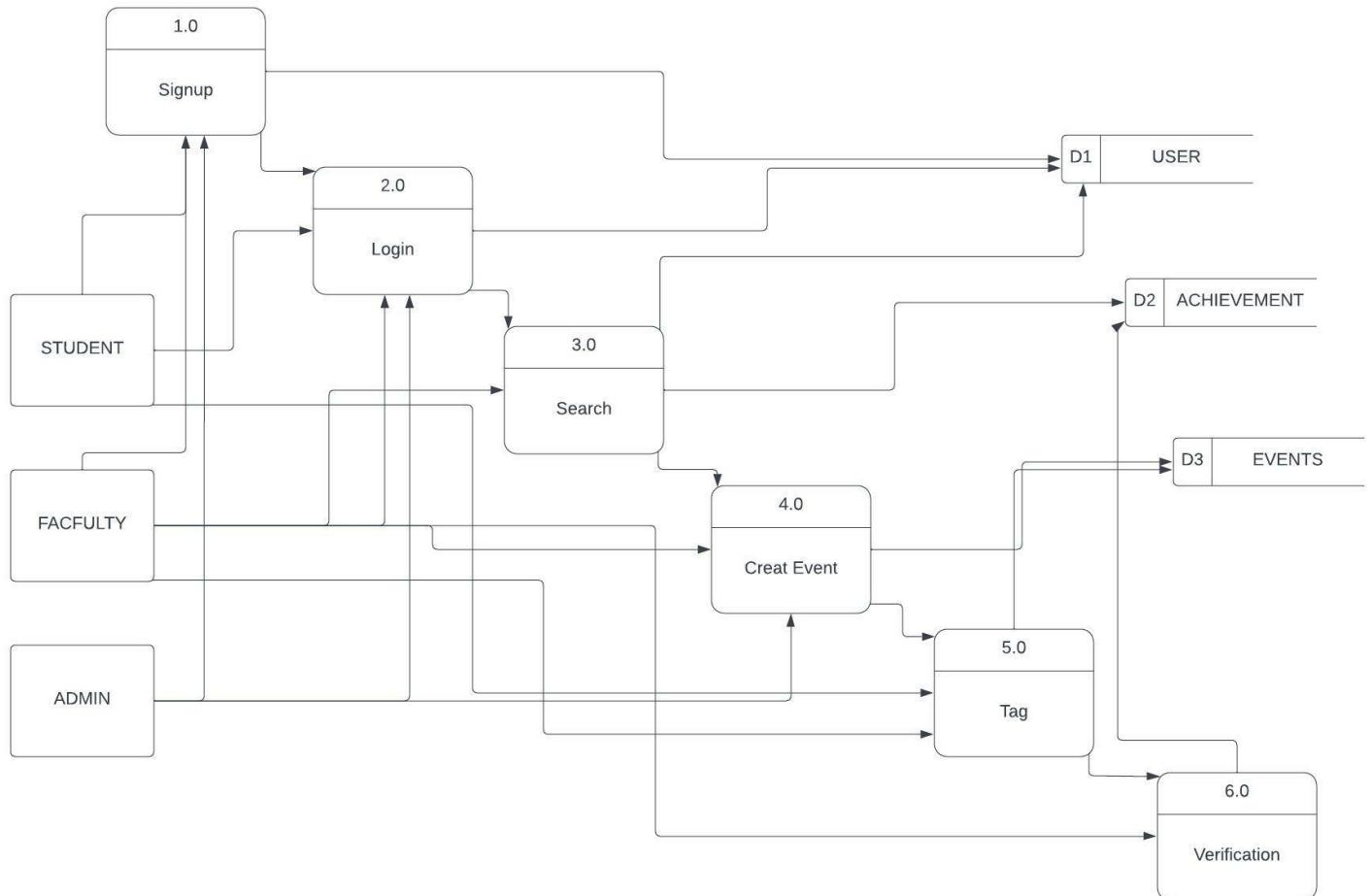
Swimlane Diagram for UC 03:



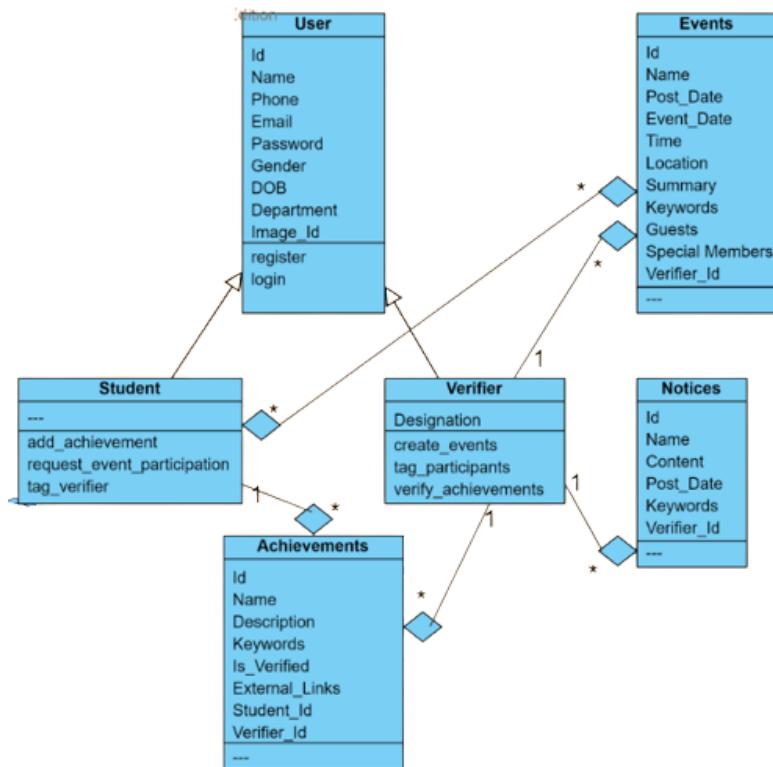
Swimlane Diagram for UC 04:



4.6 Data Flow Diagram

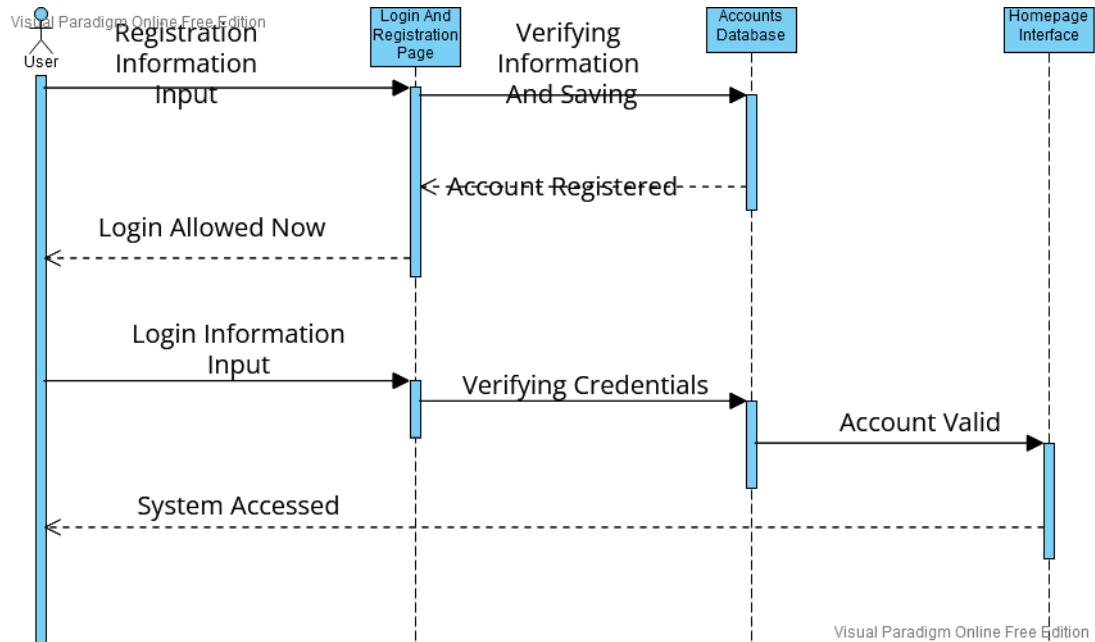


4.7 Class Diagram

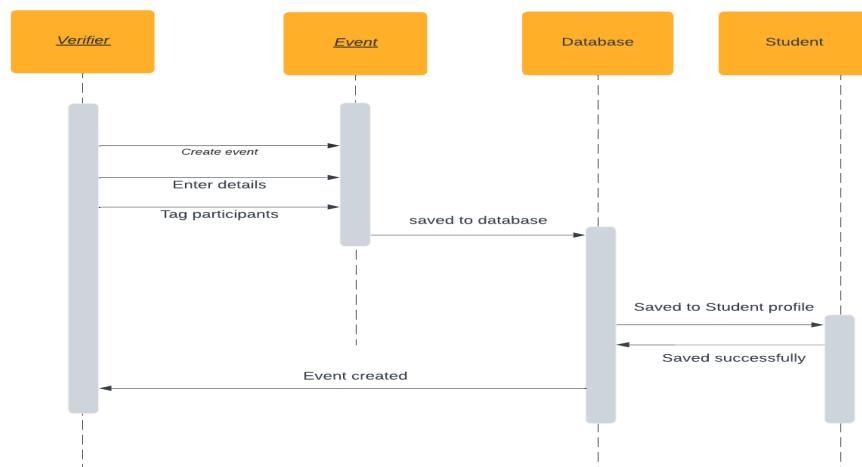


4.8 Sequence Diagrams

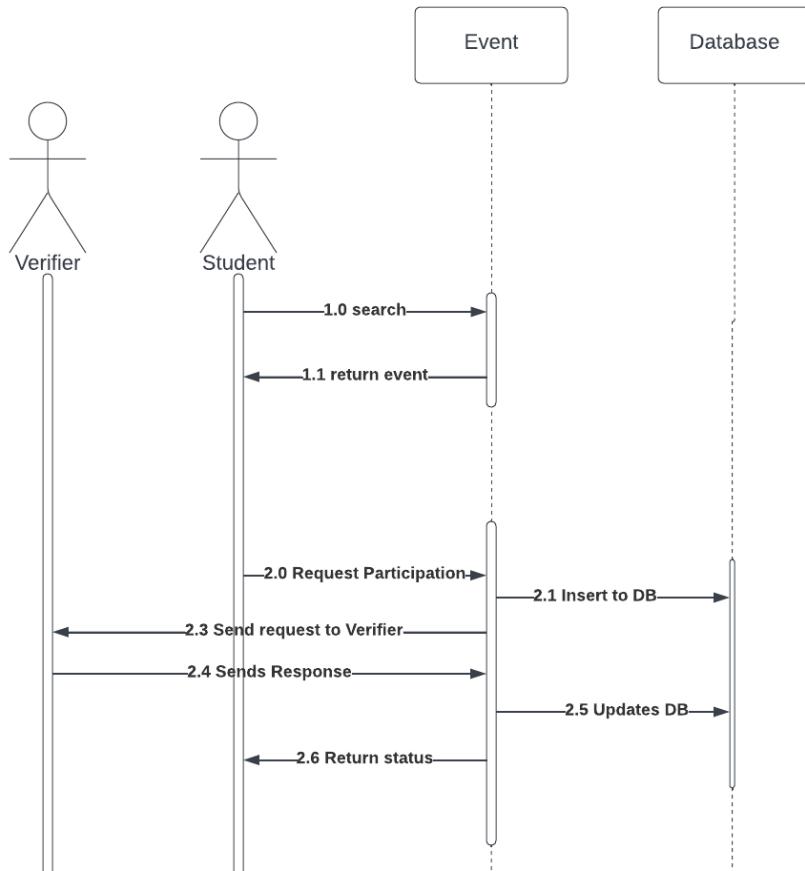
Sequence Diagram for UC 01:



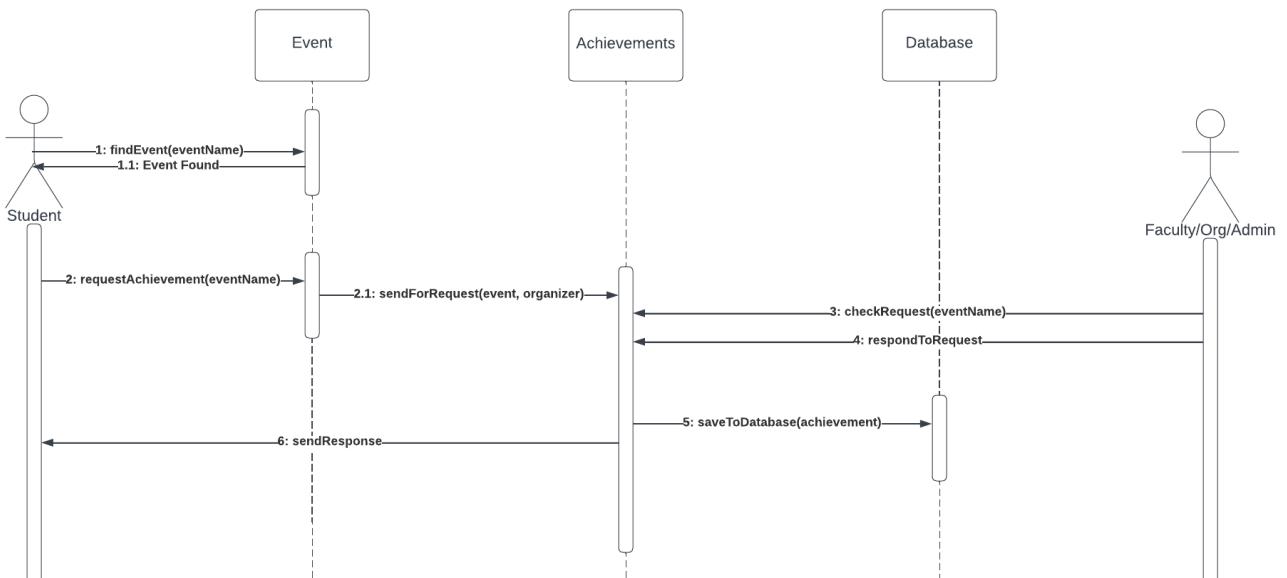
Sequence Diagram for UC 02:



Sequence Diagram for UC 03:

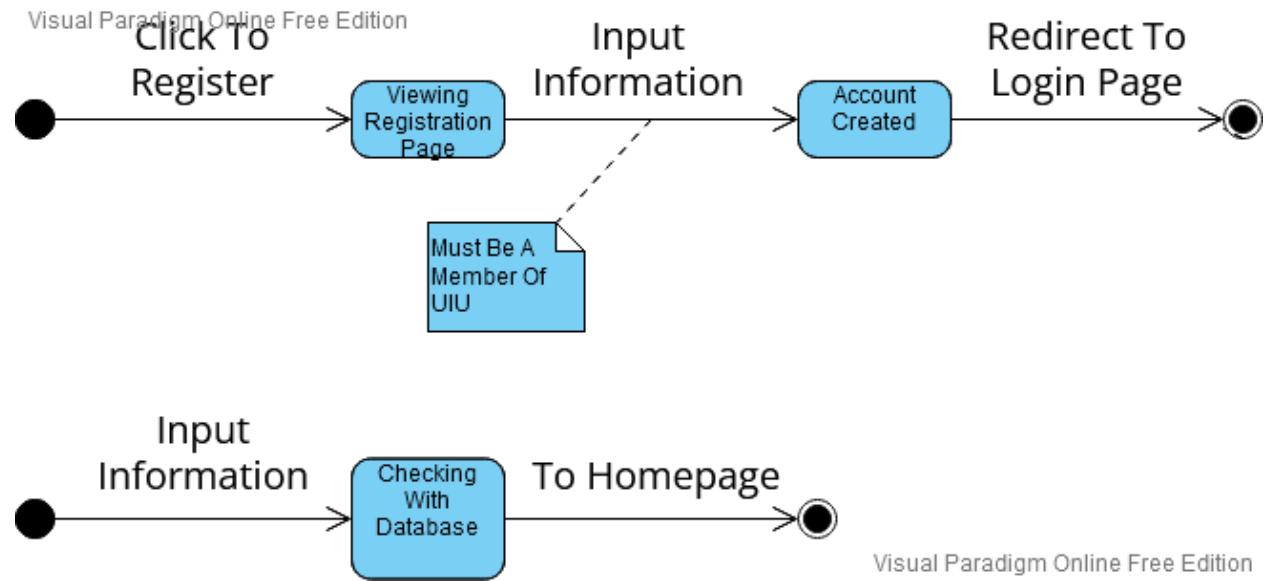


Sequence Diagram for UC 04:

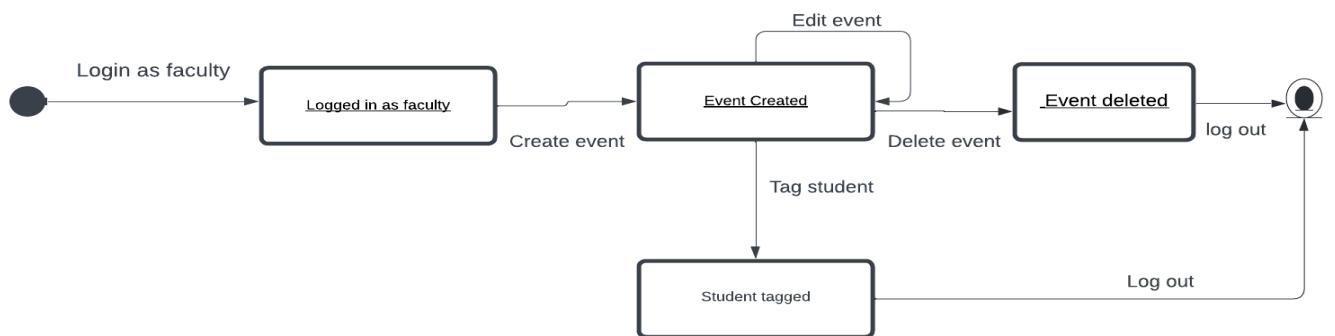


4.9 State Diagrams

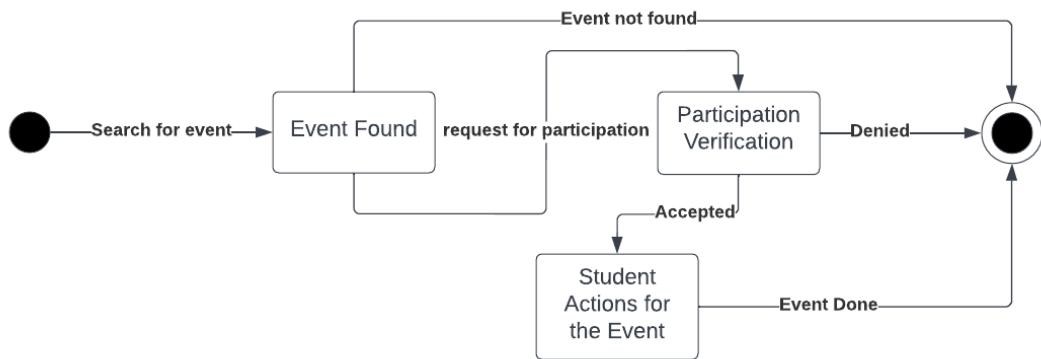
State Diagram for UC 01:



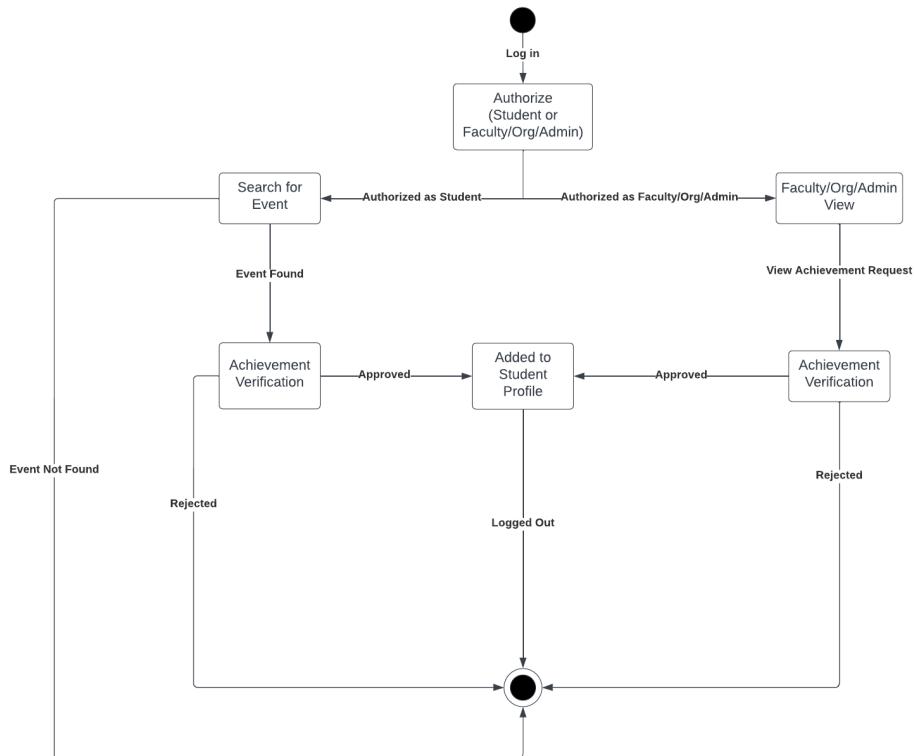
State Diagram for UC 02:



State Diagram for UC 03:



State Diagram for UC 04:



4.10 Class Responsibility Collaborator Diagram

Student	
<ul style="list-style-type: none"> Requesting for achievement tags. View Events Participate in Events See notices 	<ul style="list-style-type: none"> - Verifier - Achievements - Events - Notices

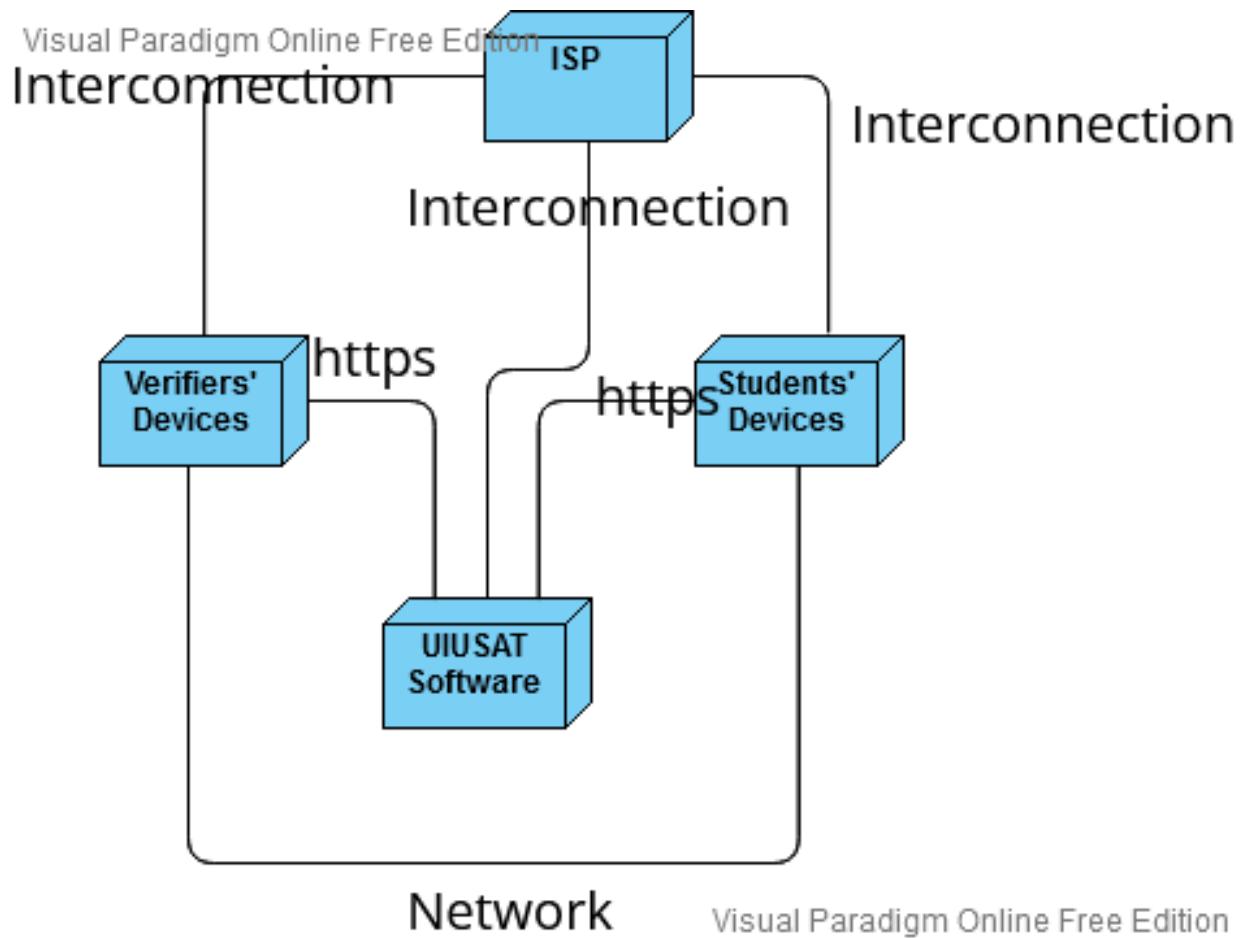
Verifier	
<ul style="list-style-type: none"> Approve/Reject achievement requests. Create Events Tag participants Create Notices 	<ul style="list-style-type: none"> - Achievements - Events - Notices - Student

Notices	
<ul style="list-style-type: none"> Adding the notices to the DB Show the details of the notice 	<ul style="list-style-type: none"> - Verifier

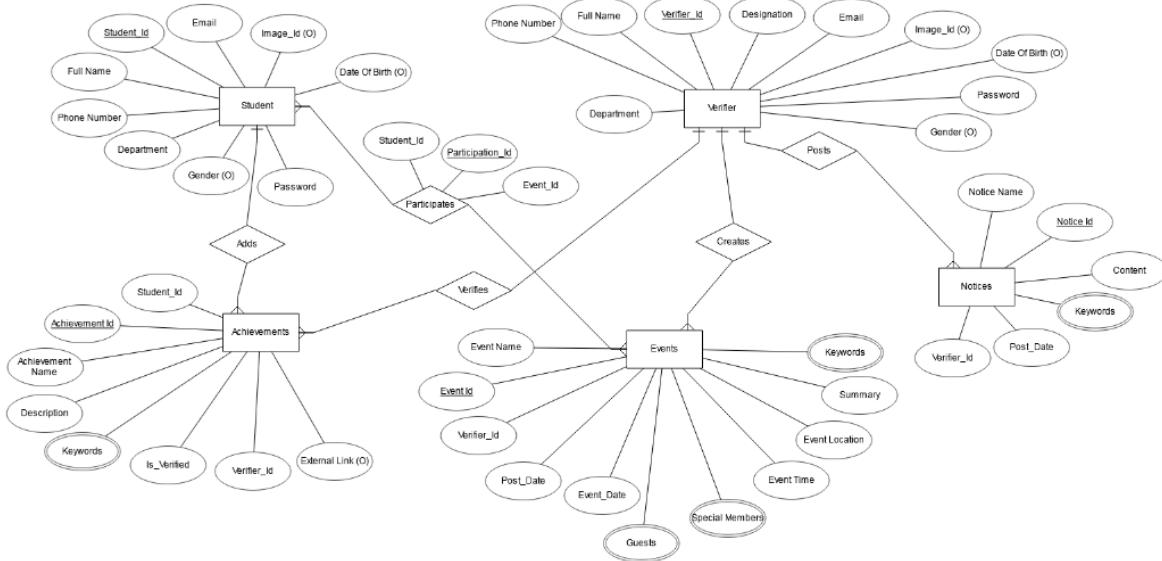
Achievements	
<ul style="list-style-type: none"> Adding the achievements to the DB Show achievements in student profiles 	<ul style="list-style-type: none"> - Verifier - Events - Students

Events	
<ul style="list-style-type: none"> Adding the events to the DB Show all the participants of the event Show the details of the event 	<ul style="list-style-type: none"> - Verifier - Students

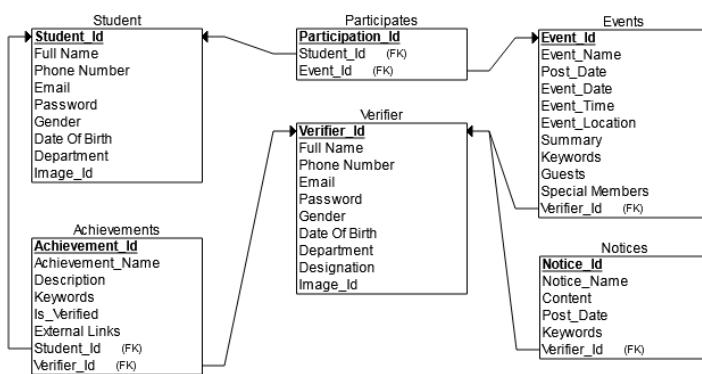
4.11 Deployment Diagram



4.12 Entity Relationship Diagram



4.13 Relational Schema



5. UI Designs

5.1 Tools and Technologies

- Figma
- Fontawesome
- Lucidchart
- Visual Paradigm Online

5.2 Proposed UI Designs

Sign-up As Student

Welcome to UIUSAT

Sign up as Student

Student ID ex: 011201195	Gender <input type="radio"/> Male <input type="radio"/> Female
Email ex: ksaifullah201195@bscse.uiu.ac.bd	Address ex: Dhaka
Full Name ex: Khaled Saifullah	Position ex: UA, Club Head,
Phone ex: 01822.....	Password Enter your Password
Department ex: BSCSE	Confirm Password Enter your Password

Create Account

Already have an account? [Log in](#)

Sign-up As Faculty Member

Welcome to UIUSAT

Username ex: MMI	Gender <input type="radio"/> Male <input type="radio"/> Female
Email ex: mohaiminul@cse.uiu.ac.bd	Address ex: Dhaka
Full Name ex: Md Mohaiminul Islam	Position ex: UA, Club Head,
Phone ex: 01822.....	Password Enter your Password
Department ex: BSCSE	Confirm Password Enter your Password

Create Account

Already have an account? [Log in](#)

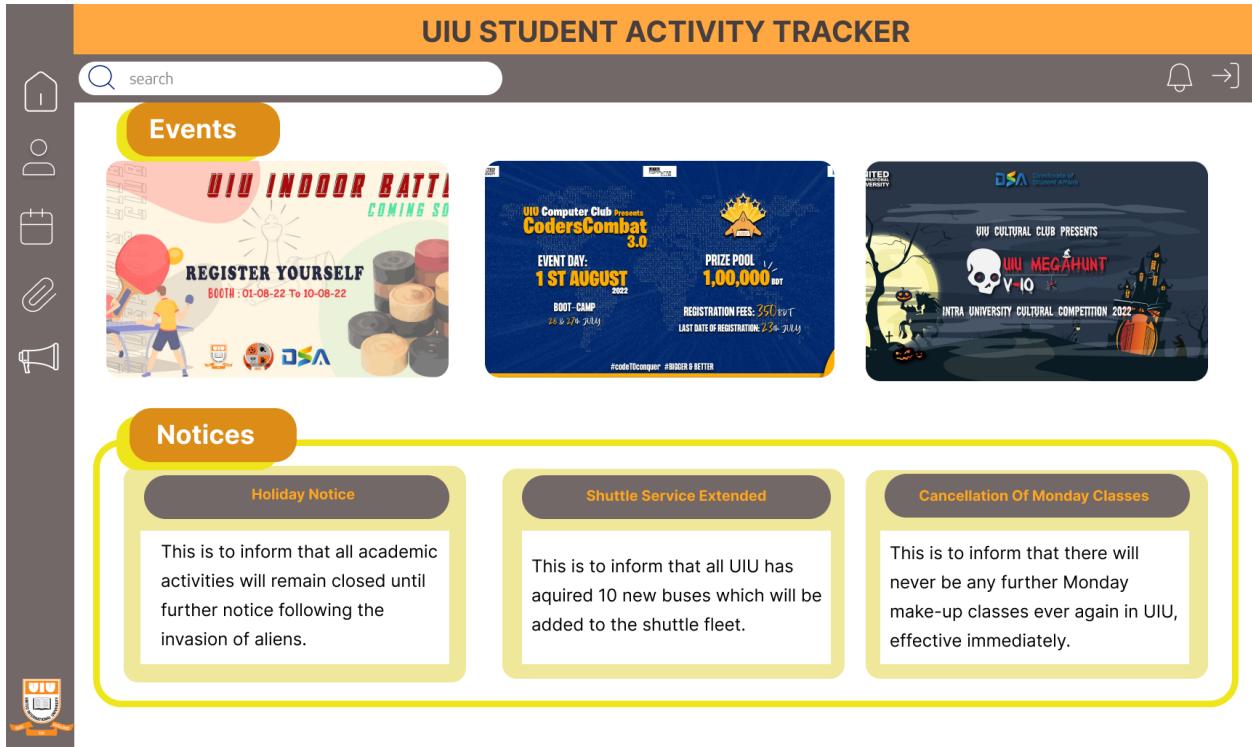
Login

Welcome to UIUSAT

Username ex: IMM
Password Enter your Password

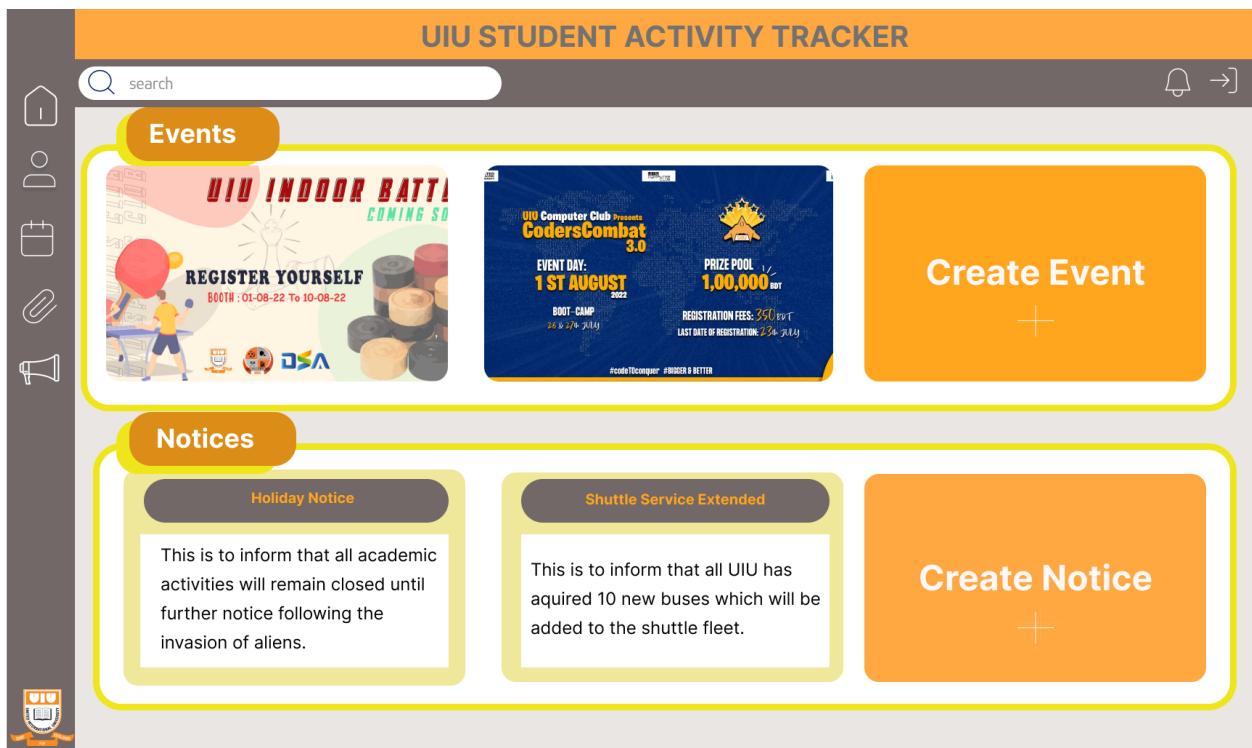
Login

Homepage For Students



The UIU Student Activity Tracker homepage for students features a dark header with a search bar and a navigation sidebar on the left containing icons for home, profile, calendar, clip, and megaphone. The main content area has an orange header "UIU STUDENT ACTIVITY TRACKER". It displays three event cards: "UIU INDOOR BATTLE" (coming soon), "CodersCombat 3.0" (event day 1st August, prize pool 1,00,000 BDT), and "UIU MEGAHUNT V-10" (intra university cultural competition). Below these are three notices: "Holiday Notice" (all academic activities closed until further notice due to alien invasion), "Shuttle Service Extended" (10 new buses added to the fleet), and "Cancellation Of Monday Classes" (no further Monday make-up classes effective immediately).

Homepage For Faculty Member



The UIU Student Activity Tracker homepage for faculty members is similar to the student version but includes additional features for event and notice creation. The sidebar icons include a shield, person, calendar, clip, and megaphone. The main content area includes the same events and notices as the student version, plus two large orange buttons on the right labeled "Create Event" and "Create Notice" with a plus sign icon.

Search Results

The screenshot shows the UIU Student Activity Tracker interface. At the top, there is a search bar with the query "sum". Below the search bar, the text "Results for ‘sum’" is displayed. A list of five search results is shown, each preceded by a magnifying glass icon:

- Suma project on CSE 3712
- Sumon Khan
- Sumaiya Aktar
- Summer Festival 2022
- Summer events 2022

The sidebar on the left contains icons for Home, Profile, Calendar, Attachment, and Megaphone. At the bottom left is a logo featuring a book and a graduation cap.

Create Event (Faculty)

The screenshot shows the "Create Event" form in the UIU Student Activity Tracker. The title "Create Event" is at the top. The form consists of several input fields:

- Name Of Event: [Text Input]
- Date Of Event: (dd/mm/yyyy) [Text Input]
- Time Of Event: (4-digit 24-hour format) [Text Input]
- Location: [Text Input]
- Summary: [Text Area]
- Keywords: (comma-separated lists) [Text Input]
- Tag Others: (comma-separated lists) [Text Input]

At the bottom right is a blue "Create Event" button. The sidebar on the left contains icons for Home, Profile, Calendar, Attachment, and Megaphone. At the bottom left is a logo featuring a book and a graduation cap.

All Events

The screenshot shows the 'Events' section of the UIU Student Activity Tracker. On the left is a vertical sidebar with icons for Home, Profile, Calendar, Notes, and Announcements. The main area has a search bar and a 'Events' button. Two event cards are displayed:

- UIU CULTURAL CLUB PRESENTS UIU MEGAHUNT 3.0**
INTRA UNIVERSITY CULTURAL COMPETITION 2022
View
- CodersCombat 3.0**
EVENT DAY:
1 ST AUGUST 2022
BOOT-CAMP 26 & 27th JULY
PRIZE POOL **1,00,000 BDT**
REGISTRATION FEES: **350 BDT**
View

Specific Event View

The screenshot shows the 'Events' section of the UIU Student Activity Tracker with a specific event details view. The sidebar on the left includes icons for Home, Profile, Calendar, Notes, and Announcements, along with the university logo.

Name Of Event: Alien Hunt 2050

Date Of Event: (dd/mm/yyyy) 32nd March, 2050

Time Of Event: (4-digit 24-hour format) 0000

Location: UIU Green Field

Summary: We are going to save humanity from extinction. Grab your weapons and UIU Id card and meet us at sharp 12am. We will be serving snacks first, and then assign everyone to teams that will carry out specific tasks. Blah-blah-blah.

Keywords: (comma-separated lists) Humanity, Apocalypse, Aliens, Hunt, Snacks

Enroll Now

Create Notice (Officials)

UIU STUDENT ACTIVITY TRACKER

Create Notice

Name Of Notice:

Notice:

Keywords: (comma-separated lists)

Create Notice



All Notices

Desktop - 1

UIU STUDENT ACTIVITY TRACKER

Notices

Search

 Holiday Notice
This is to inform that all academic activities will remain closed until further notice following the invasion of aliens.

 Shuttle Service Extended
This is to inform that all UIU has aquired 10 new buses which will be added to the shuttle fleet.

 Cancellation Of Monday Classes
This is to inform that there will never be any further Monday make-up classes ever again in UIU, effective immediately.



Specific Notice View

The screenshot shows a mobile application interface for the "UIU STUDENT ACTIVITY TRACKER". At the top, there's a header bar with the title "UIU STUDENT ACTIVITY TRACKER" and a "Notice" button. Below the header is a "Holiday Notice" section containing the following text:

This is to inform that all academic activities will remain closed until further notice following the invasion of aliens. Please refrain from any contact with the aliens.

Sincerely, UIU Social And Communication Club

On the left side of the screen, there is a vertical sidebar with icons for Home, Profile, Calendar, Tasks, and Announcements. At the bottom of the sidebar is the university logo.

Profile

The screenshot shows a mobile application interface for the "UIU STUDENT ACTIVITY TRACKER" displaying a student profile. The top navigation bar includes the title "UIU STUDENT ACTIVITY TRACKER", a "Profile" button, and notification icons.

The main content area features a banner with the text "make a Wish. take a chance. make a change." and a circular profile picture of a student. To the right of the banner is a summary of the student's information:

Name:	Layla Kader
ID:	011201137
Email:	lsuma201137@bscse.uiu.ac.bd
Phone no:	01918897897
Department:	CSE
CGPA:	3.87
Gender:	Female
Address:	Mohammadpur,Dhaka.
DOB:	04/12/2002

An "EDIT" button is located at the bottom right of this section.

Below this is a section titled "Achievements:" which contains two items:

- Projects:**

Title: Super Hero Database
File link: github/superhero/login
Keywords: CSS, HTML, PHP, Game
Description: A SuperHero database that stores all the informations and also has various games.
- Internship:**

Title: Work for four months as an Assistant Director.at k's heaven
File link: linkedin/k.heaven
Keywords: IT, Assistant Director
Description: Worked four months in the the IT company K's heaven as an Assistant Director.

Extracurricular activities:

Title:Executive in the Robotics Club



File link: [linkedin/k.heaven](#)

Keywords: Hardware Committee Member

Description: Part of the UIU Robotics Club .



Certificate:

Title:First Runner Up in the DBMS Project Show



File link: [certificate.jpg](#)

Keywords: CSS HTML PHP Game

Description: A SuperHero database that stores all the informations and also has various games.



UPLOAD

Skills:

1. CSS
2. PHP
3. Python
4. Cpp

Add Skills

Event Participation Badges:

1. UIU Megahunt
2. Spring Project Showcase 2022

Add Events

Profile View

UIU STUDENT ACTIVITY TRACKER

Profile

make a wish.
take a chance.
make a change.



Name: Layla Kader
ID: 011201137
Email: lsuma201137@bscse.uiu.ac.bd
Phone no: 01918897897
Department: CSE
CGPA: 3.87
Gender: Female
Address: Mohammadpur,Dhaka.
DOB: 04/12/2002

Achievements:

Projects:

Title: Super Hero Database ✓
File link: [github/superhero/login](#)
Keywords: CSS, HTML, PHP, Game
Description: A SuperHero database that stores all the informations and also has various games.

Internship:

Title: Work for four months as an Assistant Director.at k's heaven ✗
File link: [linkedin/k.heaven](#)
Keywords: IT, Assistant Director
Description: Worked four months in the the IT company K's heaven as an Assistant Director.

Extracurricular activities:

Title:Executive in the Robotics Club



File link: [linkedin/k.heaven](#)

Keywords: [Hardware](#) [Committee Member](#)

Description: Part of the UIU Robotics Club .

Certificate:

Title:First Runner Up in the DBMS Project Show



File link: [certificate.jpg](#)

Keywords: [CSS](#) [HTML](#) [PHP](#) [Game](#)

Description: A SuperHero database that stores all the informations and also has various games.

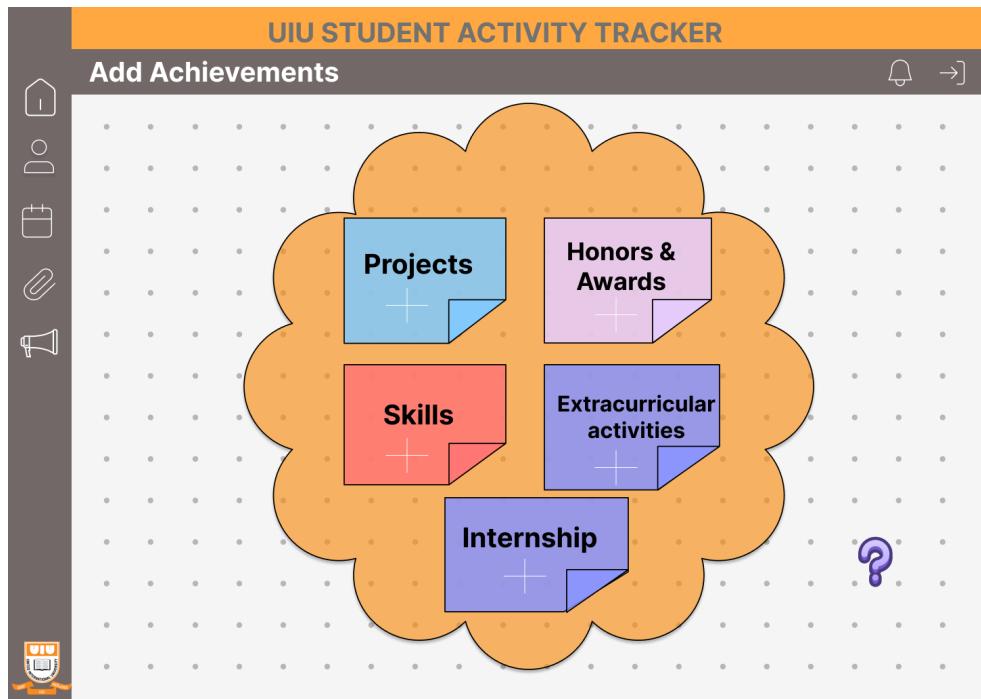
Skills:

1. CSS
2. PHP
3. Python
4. Cpp

Event Participation Badges:

1. UIU Megahunt
2. Spring Project Showcase 2022

Choose Achievement Type



Add Achievements Info 1

This screenshot shows the 'Achievements' sub-page for adding achievement details. It includes fields for 'Title*', 'File link*', 'Description', 'Keywords', and 'Other files'.

Achievements

Title*
Smart Bike Parking System

File link*
<https://github.com/KShawpnil/Smart-Parking-System>

Description
This will be a digital technology-based bike parking system so no need for any security guard.

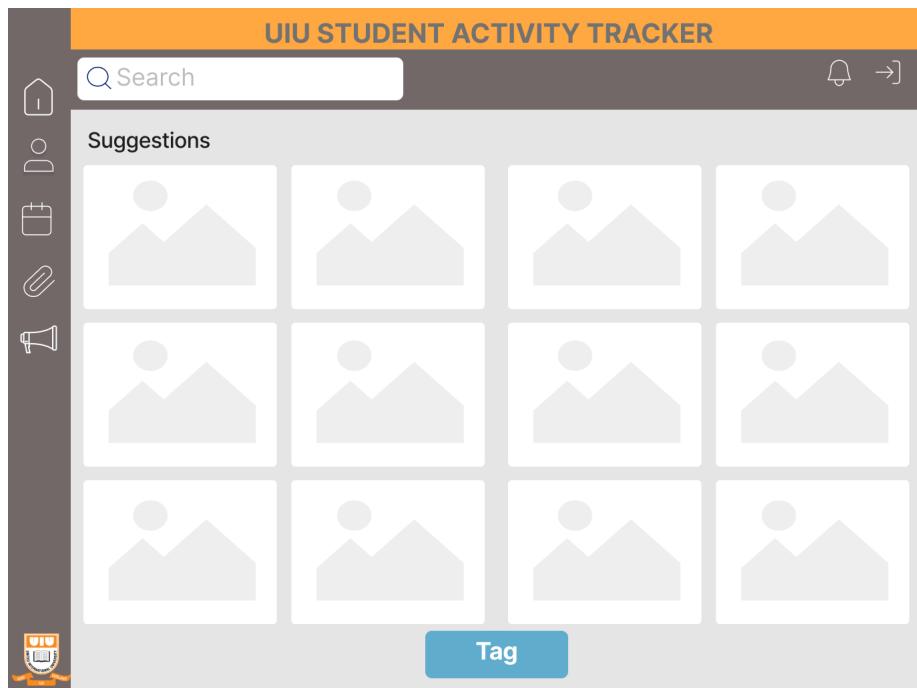
Keywords
EEE, Arduino, Cpp

Other files

Upload image: A photograph of a prototype setup on a brick-paved surface, featuring a small structure with a red 'P' sign and some plants.

Action buttons: 'Tag to verify' and 'Save'.

Tag Verifier



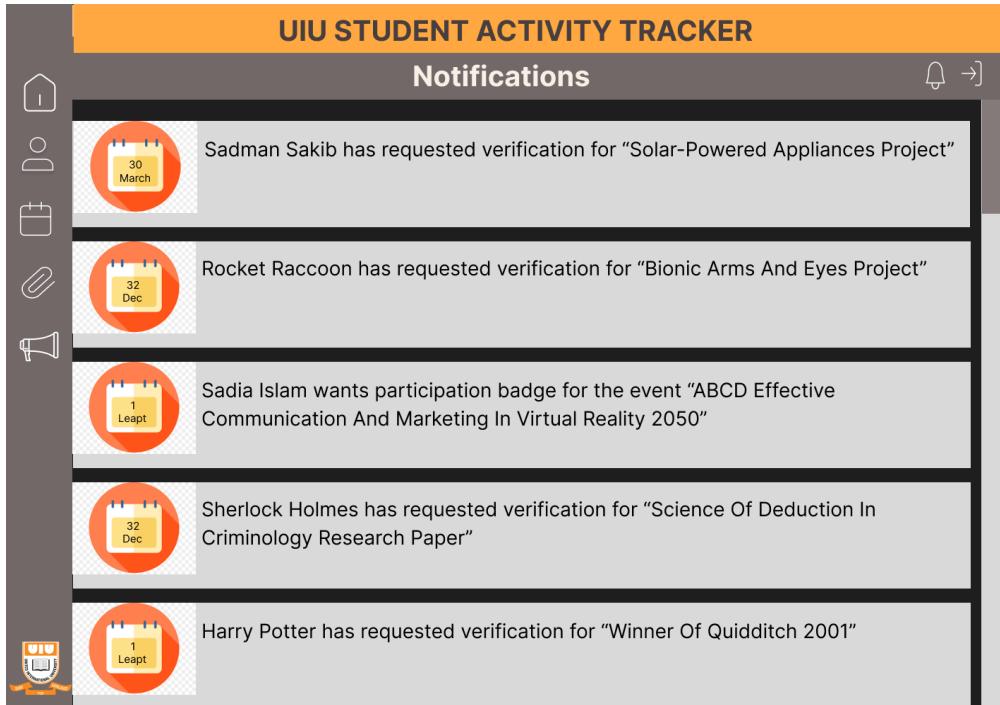
Add Achievements Info 2

The screenshot shows a mobile application interface titled "UIU STUDENT ACTIVITY TRACKER" with a sub-section title "Achievements". The form includes the following fields:

- Title***: Smart Bike Parking System
- File link***: <https://github.com/KShawpnil/Smart-Parking-System>
- Description**: This will be a digital technology-based bike parking system so no need for any security guard.
- Keywords**: EEE, Arduino, Cpp

At the bottom right, there are two buttons: "Tag to verify" and "Save". On the left side, there is a vertical sidebar with icons for a house, a clipboard, a paperclip, and a megaphone. A watermark or background image of a bicycle is visible at the bottom of the screen.

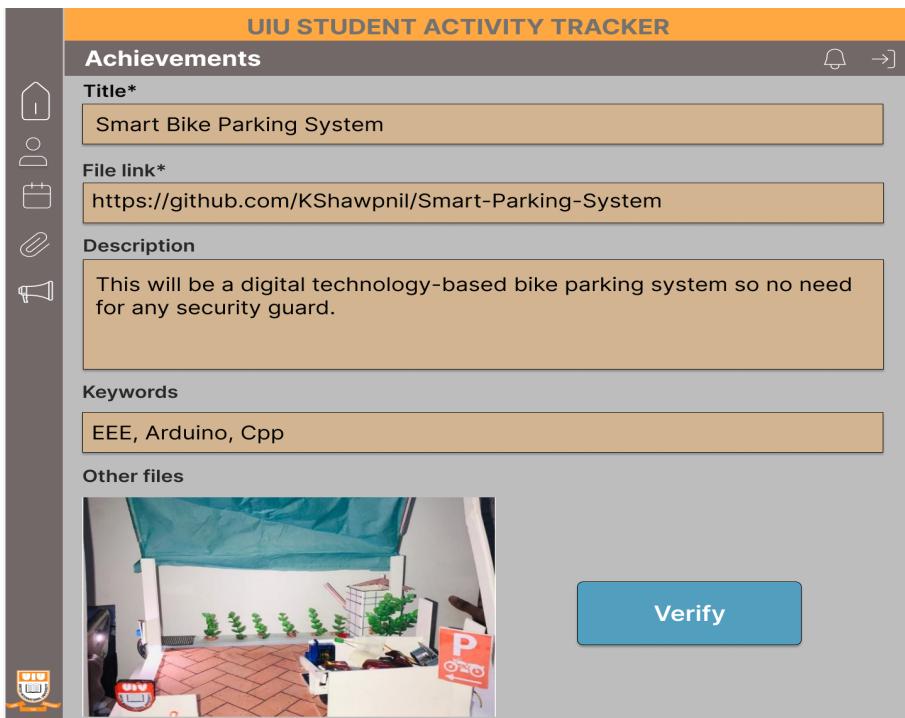
Notification



The screenshot shows the 'Notifications' section of the UIU Student Activity Tracker. On the left is a vertical sidebar with icons for Home, Profile, Calendar, Clip, and Bell. The main area has a header 'UIU STUDENT ACTIVITY TRACKER' and 'Notifications'. It lists five notifications:

- Sadman Sakib has requested verification for "Solar-Powered Appliances Project" (due March 30)
- Rocket Raccoon has requested verification for "Bionic Arms And Eyes Project" (due December 32)
- Sadia Islam wants participation badge for the event "ABCD Effective Communication And Marketing In Virtual Reality 2050" (due Leapt 1)
- Sherlock Holmes has requested verification for "Science Of Deduction In Criminology Research Paper" (due December 32)
- Harry Potter has requested verification for "Winner Of Quidditch 2001" (due Leapt 1)

Achievements View (Faculty)



The screenshot shows the 'Achievements' view in the UIU Student Activity Tracker. On the left is a vertical sidebar with icons for Home, Profile, Calendar, Clip, and Bell. The main area has a header 'UIU STUDENT ACTIVITY TRACKER' and 'Achievements'. It contains the following fields:

- Title***: Smart Bike Parking System
- File link***: <https://github.com/KShawpnil/Smart-Parking-System>
- Description**: This will be a digital technology-based bike parking system so no need for any security guard.
- Keywords**: EEE, Arduino, Cpp
- Other files**: A thumbnail image of a room with a whiteboard, plants, and a red 'P' sign.
- Verify** button

6. Conclusion

To conclude, this document is a comprehensive and complete set of guidelines for how the system should be made. Sticking to it as closely as possible will help us in reaching the target audience. This document takes you through all the steps taken to design the system and gives a clear picture of what the requirements are of the company.