

**Bachelor of Computer Science (Hons),  
College of Computing, Informatics & Mathematics,  
UiTM Terengganu**

**Project Proposal**

Course Code	: CSC584
Course Name	: Enterprise Programming
Semester	: 4
Lecturer Name	: Dr. Gloria Jennis Tan

**Title: UniEvent: A Web-Based Student Activities  
Management Platform**

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2025	

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## 1. INTRODUCTION

Effective and organized student activity management is essential to support student engagement and development within universities. Extracurricular involvement not only enriches the academic experience but also plays a crucial role in nurturing leadership, teamwork, and a sense of community among students. Traditionally, the management of student events and the tracking of participation have relied on manual processes, often resulting in delays, a lack of transparency, and difficulties in recognizing active student involvement.

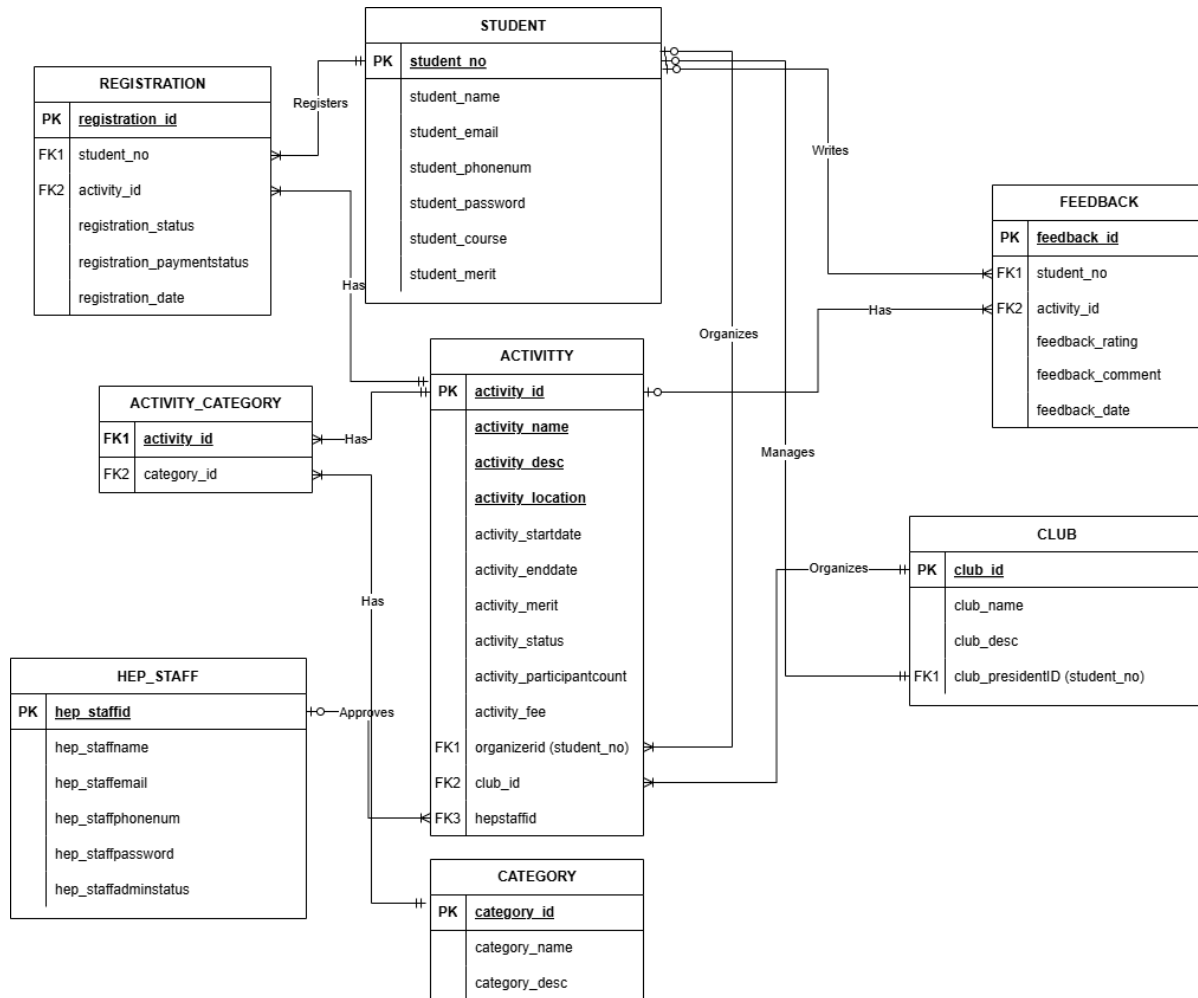
To address these challenges, UniEvent was developed, a comprehensive, web-based platform designed to modernize the management of student activities and events across campuses. With features that include seamless event creation and management for organizers, simplified registration for students, automated merit point calculation based on participation, and real-time feedback and reporting, UniEvent offers a centralized solution for managing campus engagement. By automating these processes, UniEvent eliminates administrative bottlenecks and enhances the overall efficiency and effectiveness of student activity management.

The platform supports the needs of students, event organizers, and university administrators alike, while promoting student development through systematic merit tracking and improved accessibility. UniEvent's key objectives include modernizing the management of student activities and events; automating merit point calculations and personal performance statistics, maintaining detailed participation records for awards and certifications, recognizing outstanding students and events, organizing events by category; and enhancing communication with real-time updates and post-event feedback mechanisms. Through this innovative approach, UniEvent not only simplifies administrative tasks but also contributes to building a more connected, inclusive, and vibrant university community.

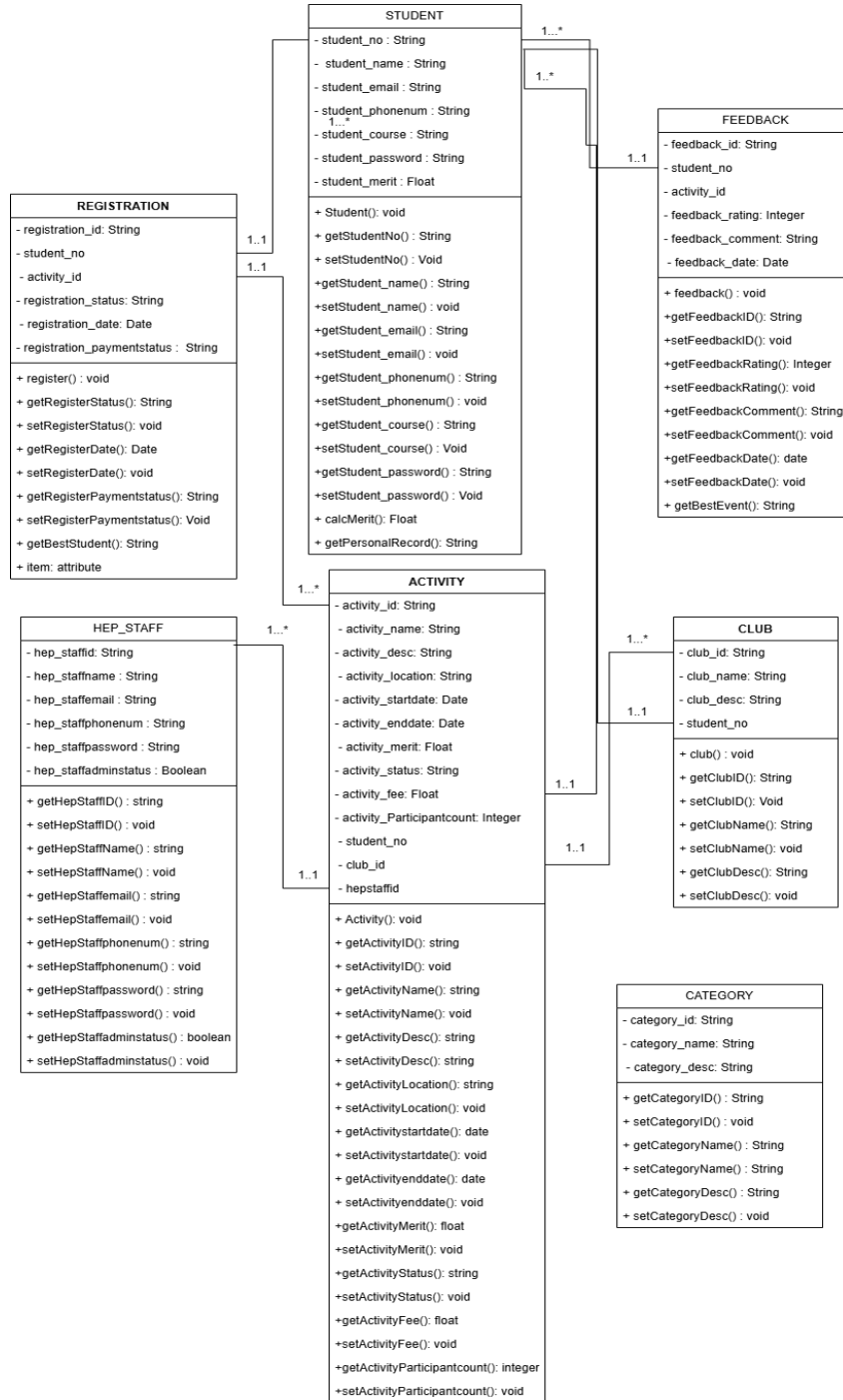
## **2. SYSTEM OBJECTIVES**

- To modernize the management of student activities and events.
- To automate merit point calculation for students.
- To automate personal record statistic for students.
- To automate recognition record for best students, best events and events statistic list.
- To automate categorize events systematically.
- To improve real-time communication and event updates.
- To provide user friendly feedback mechanisms post-event.
- To maintain detailed participation records for awards and certifications.

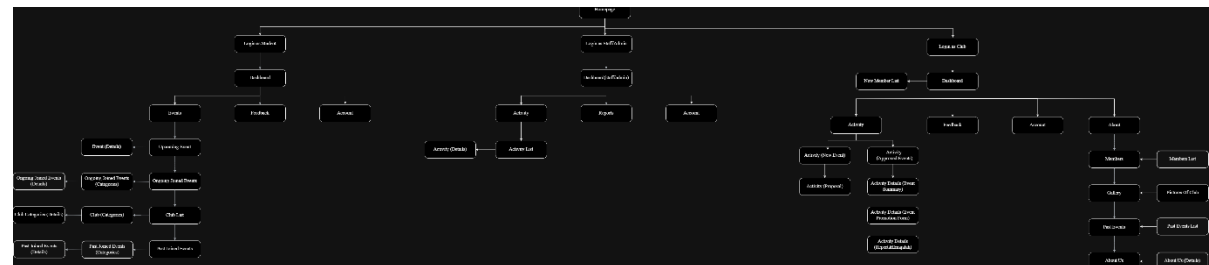
### 3. ENTITY RELATIONSHIP DIAGRAM (ERD)



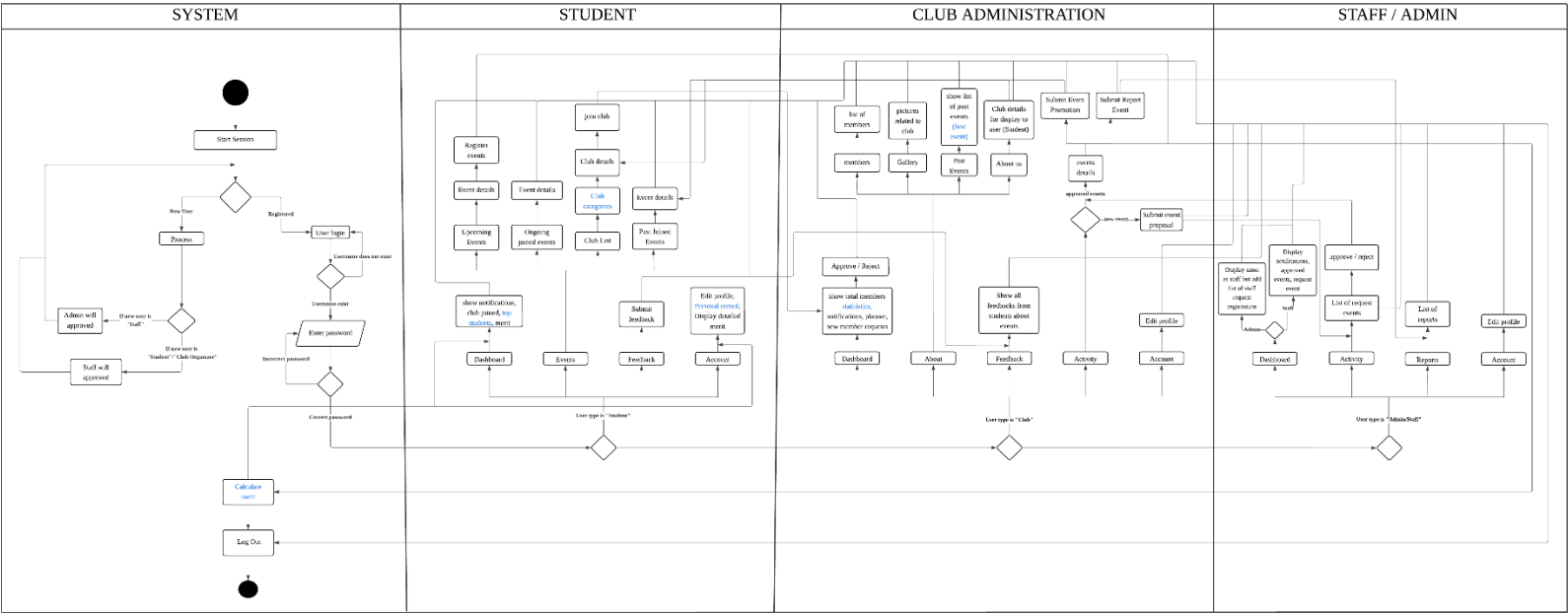
## 4. CLASS DIAGRAM



## 5. USER SITE MAPS



6. ACTIVITY DIAGRAM





## 7. STORYBOARD

System Homepage:

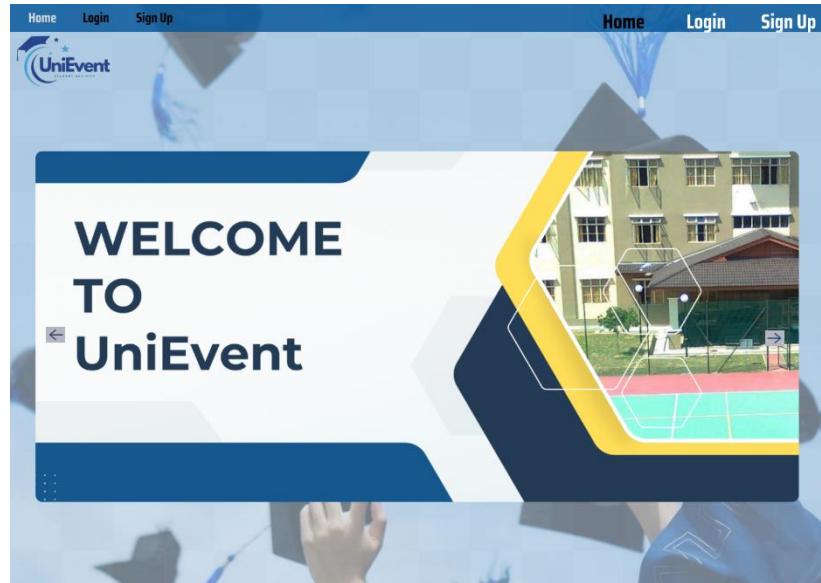



Figure 1.0

Main homepage

Login Page:



[Home](#)[Login](#)[Sign Up](#)

## Welcome back!

Enter your Credentials to access your account

☒ Student☐ Club Organizer☐ Admin/Staff

**Username**

**Password**[forgot password](#)

☐ Remember for 30 days


[Don't have an account?](#) [Sign Up](#)



Figure 1.1

Main login

Register Page:



# Get Start Now

☐ Student

☒ Club Organizer

☐ Admin/Staff

Name

Enter your name

Email address

Enter your email address

Password

Enter your password

☐ I agree to the [terms & policy](#)

Signup

Home

Login

Sign Up





Figure 1.2

Sign up for club organizer page.



## Get Start Now

☐ Student
 ☐ Club Organizer
 ☒ Admin/Staff

**Name**

**Staff ID**

**Email address**

**Phone Number**

**Password**


☐ I agree to the terms & policy

[Signup](#)



Figure 1.3

Sign up for admin/staff page.



## Get Start Now

☒ Student
 ☐ Club Organizer
 ☐ Admin/Staff

**Name**

**Student No.**

**Email address**

**Phone Number**

**Password**

☐ I agree to the terms & policy

[Signup](#)



Figure 1.4

Sign up for student page

## Student Interface

Homepage:

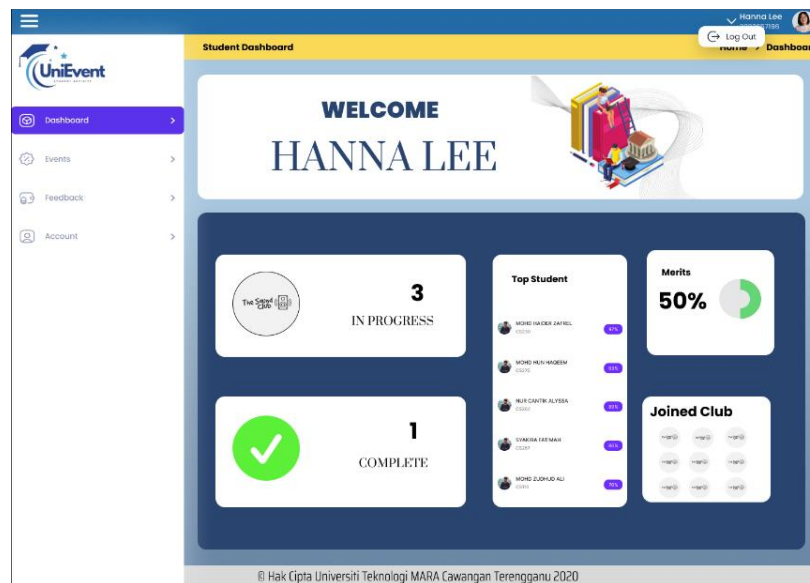


Figure 1.5

Main dashboard for student. It shows event in progress, event had been completed, list of top students in every course, percentage of merits, and joined club for all previous club that you been join. For navigation bar will show for all pages. Button Log Out show at right top corner.

The image shows a web application interface for 'UniEvent'. On the left is a sidebar with a menu containing 'Dashboard', 'Events', 'Feedback' (highlighted in purple), and 'Account'. The top navigation bar includes a hamburger menu, the 'UniEvent' logo, and a user profile section for 'HARSHAD LEE' with the email '20030517196'. The main content area is titled 'Student Feedback' and contains a form with the following elements: a heading 'Student Feedback', a sub-header 'Please help us improve our website by filling out this form.', two text input fields labeled 'Club Name' and 'Event Name' (with a placeholder 'Enter the Event's name'), a section titled 'Share your experience in scaling' with a five-star rating system (four stars are filled), and a large text area for 'Add your comments...'. At the bottom right of the form are 'Cancel' and 'SUBMIT' buttons. The footer of the page reads '© Hak Cipta Universiti Teknologi MARA Cawangan Terengganu 2020'.

Figure 1.6

Student can give their feedback. Whether it is a good review or bad review.

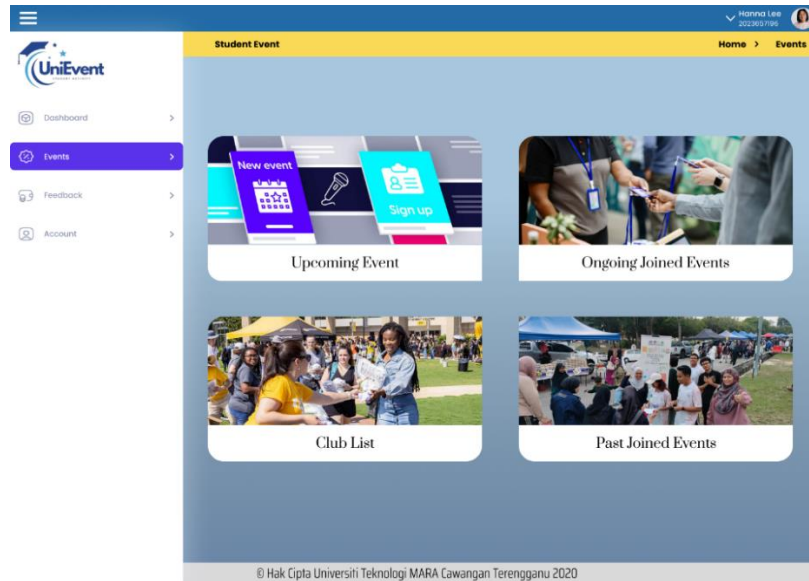


Figure 1.7

Student event list shows upcoming event, ongoing joined event, club list and past joined event. Student can see the details when click the pictures.

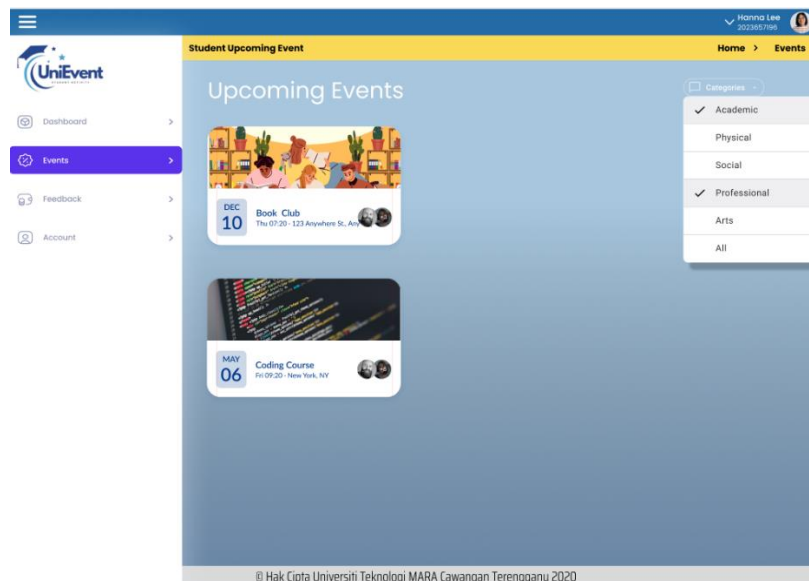


Figure 1.8

List of upcoming events it will show here.

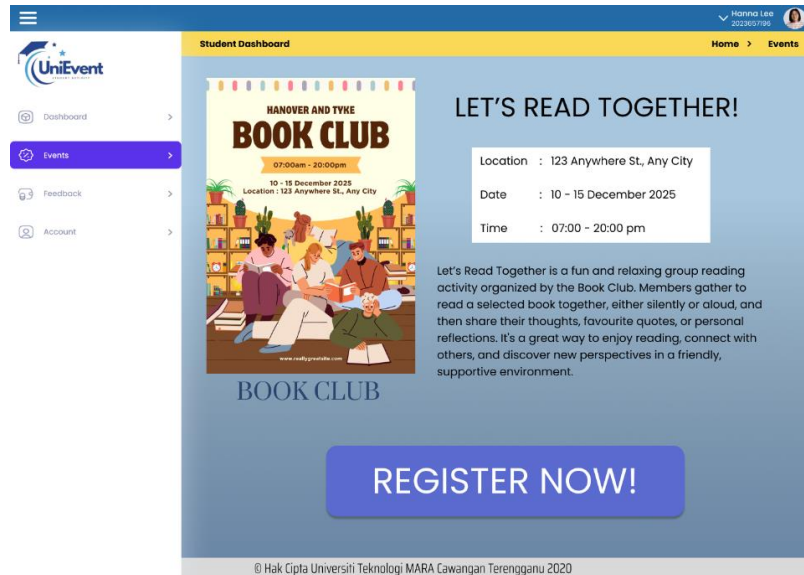


Figure 1.9

The details for the upcoming event. Users can know the location, date, time, and explaining about the events. Users also have button to register.

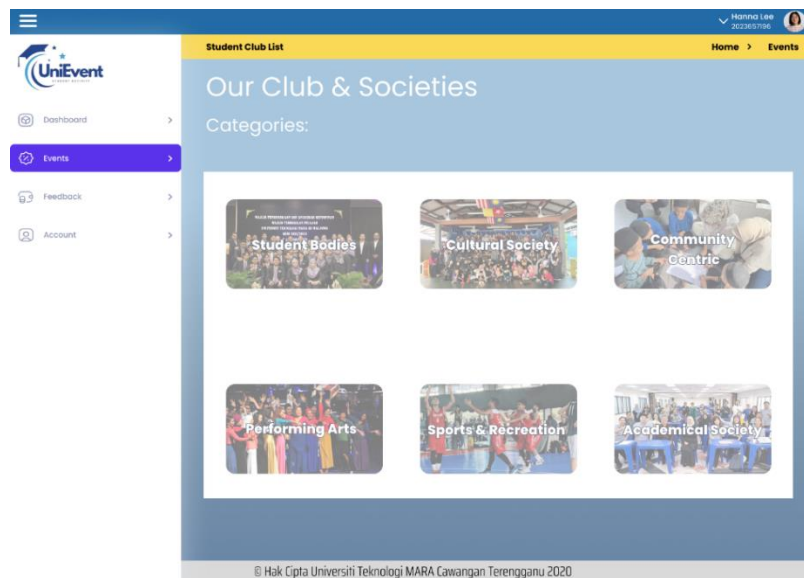


Figure 2.0

Club list shows the categories and can click the pictures to know the details.



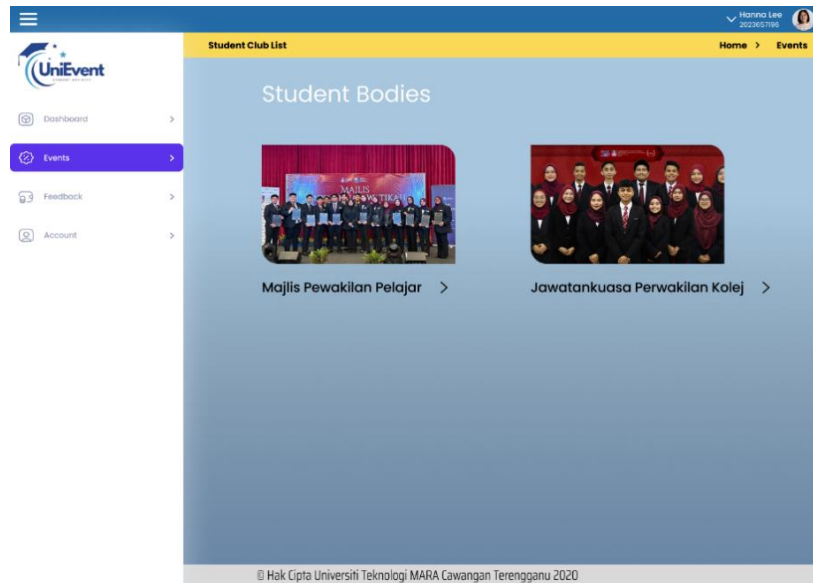


Figure 2.1

This is an example page for Student Bodies.

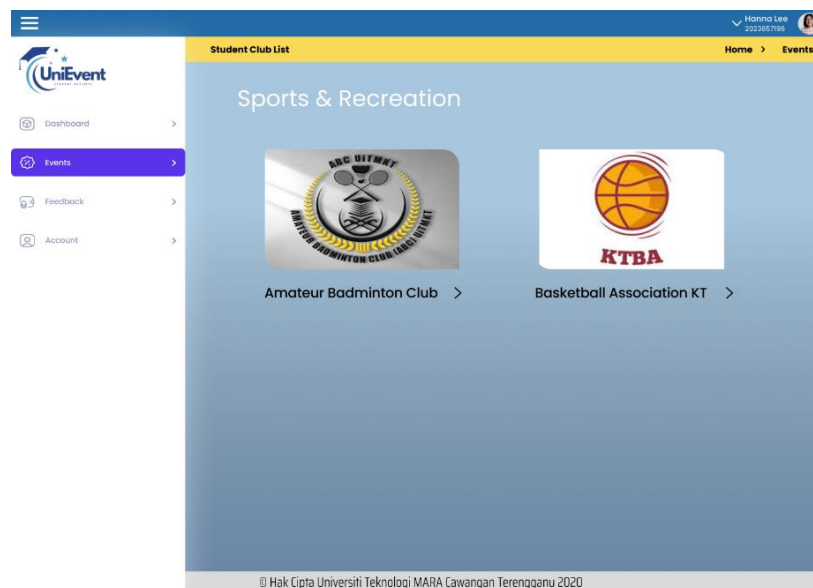


Figure 2.2

This is an example for Sports & Recreation

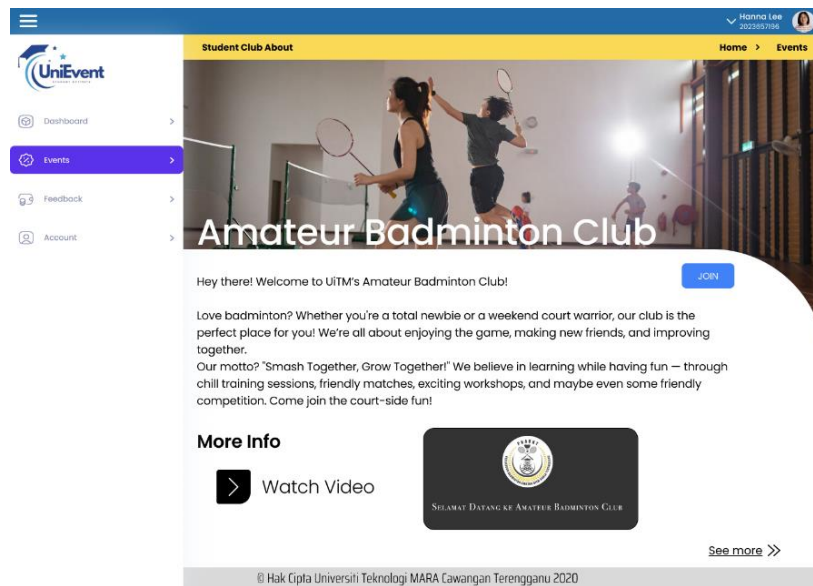


Figure 2.3

This is an example if you want to know the details about the categories in club list.

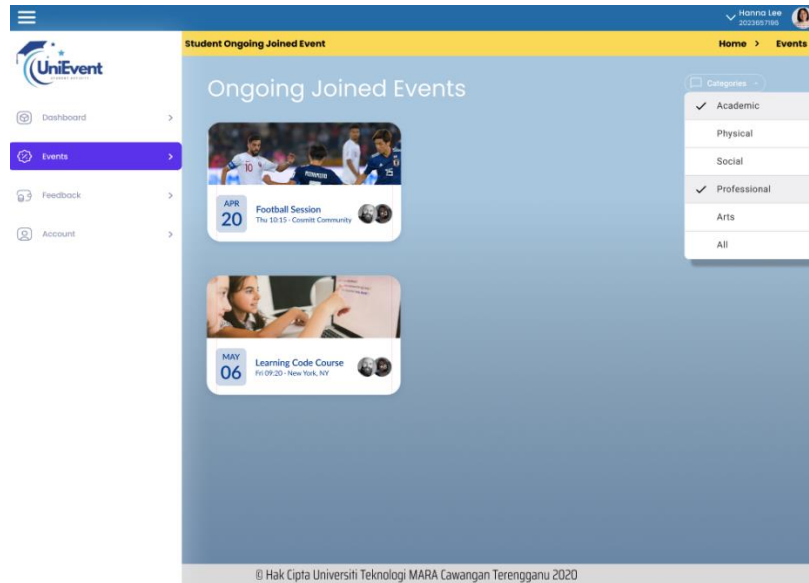


Figure 2.4

List of ongoing joined events it will show here.

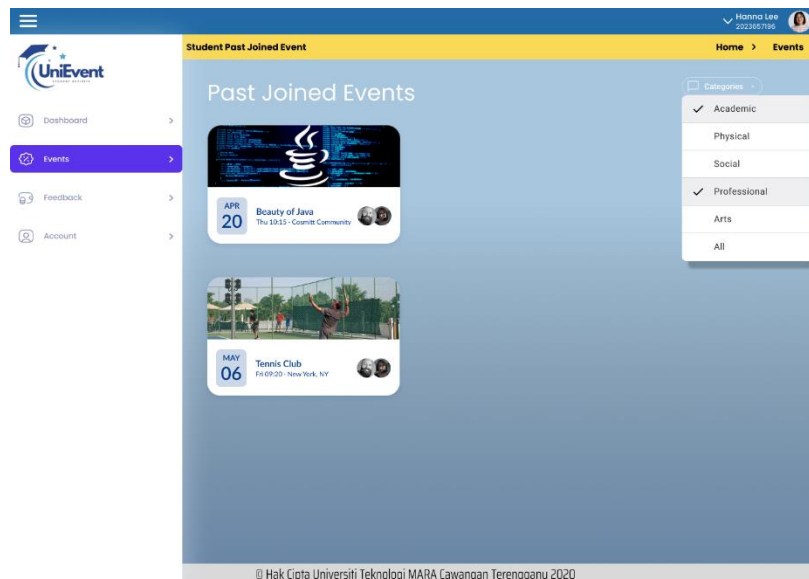


Figure 2.5

It shows the list of Past Joined Events

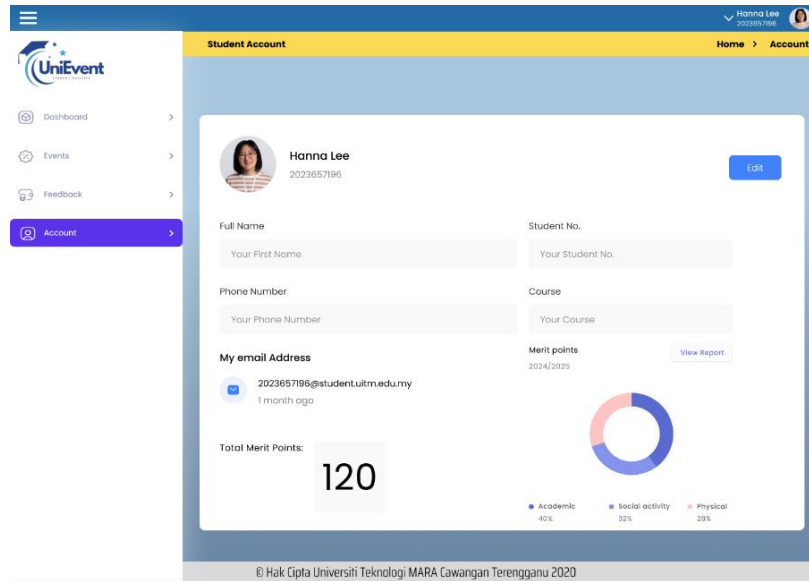


Figure 2.6

Account student shows their information, total merit points and chart of categories that had been joined.

## Club Page:

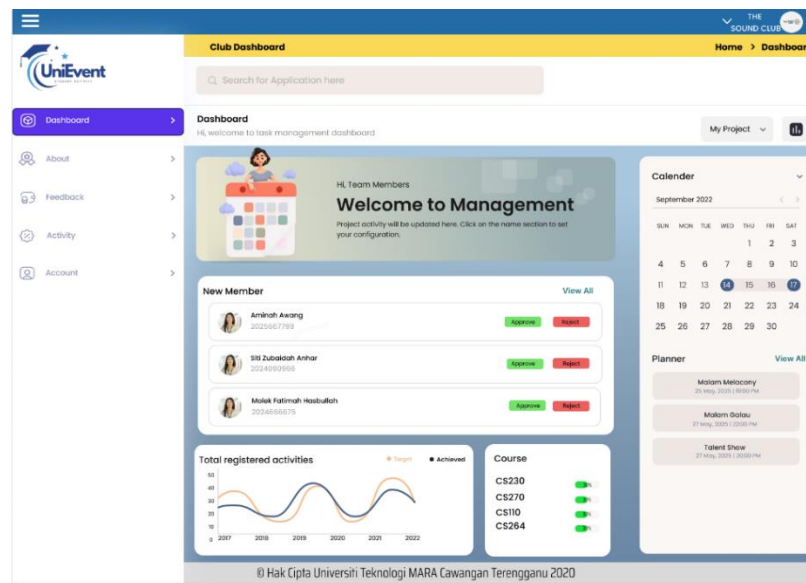


Figure 2.7

Main dashboard for club page. Shows new members for approve or reject, the total registered activities that had been achieved and what club targeting, and the percentage of course(student) that had been registered in club, also shows the calendar for upcoming events.

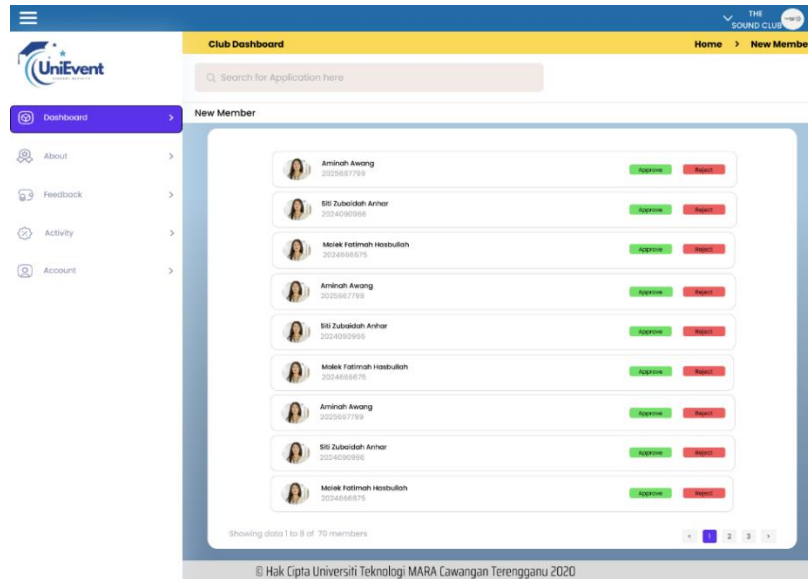


Figure 2.8

Club organizer can click button view all in club dashboard page and see all the student that want to join their club. Club organizer need to click approve or reject button.

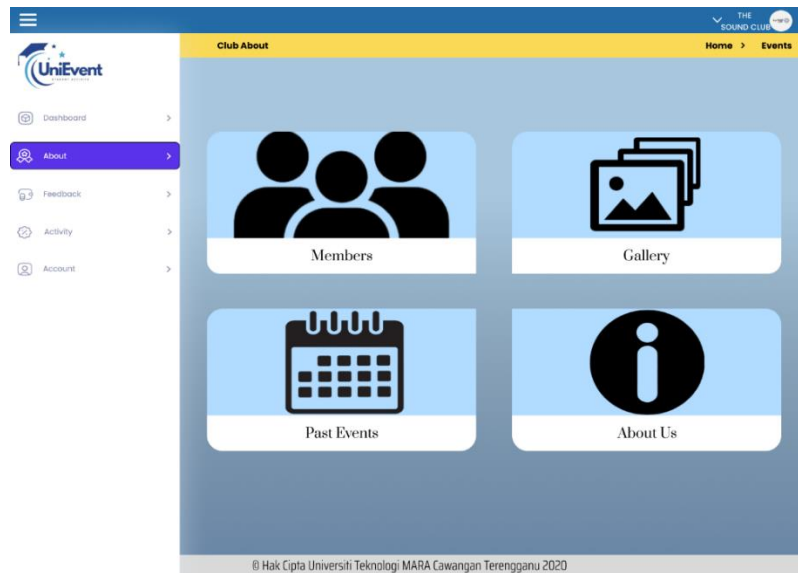


Figure 2.9

Club About shows members, gallery, past events and about us. Just click the pictures if want to see the details.

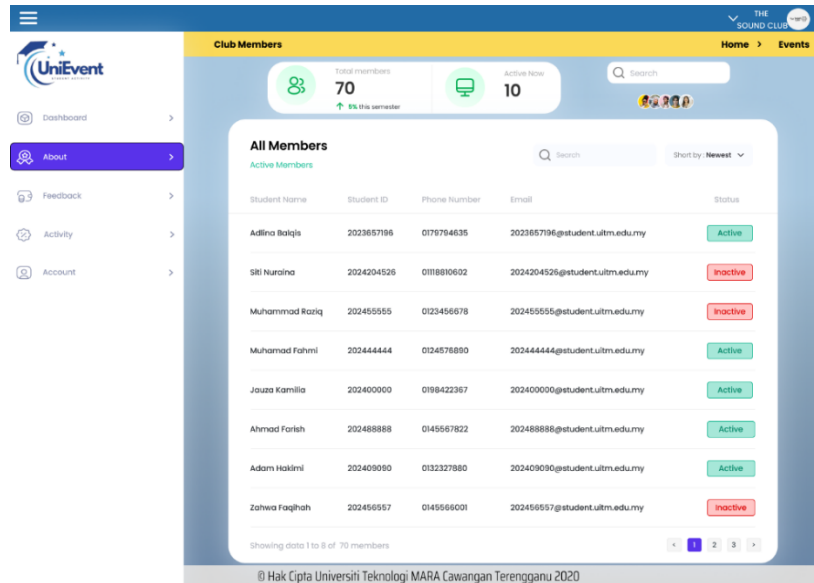


Figure 3.0

Club members page shows that all members that had been approved by club organizer. It shows the details about the members and show if their active or inactive.

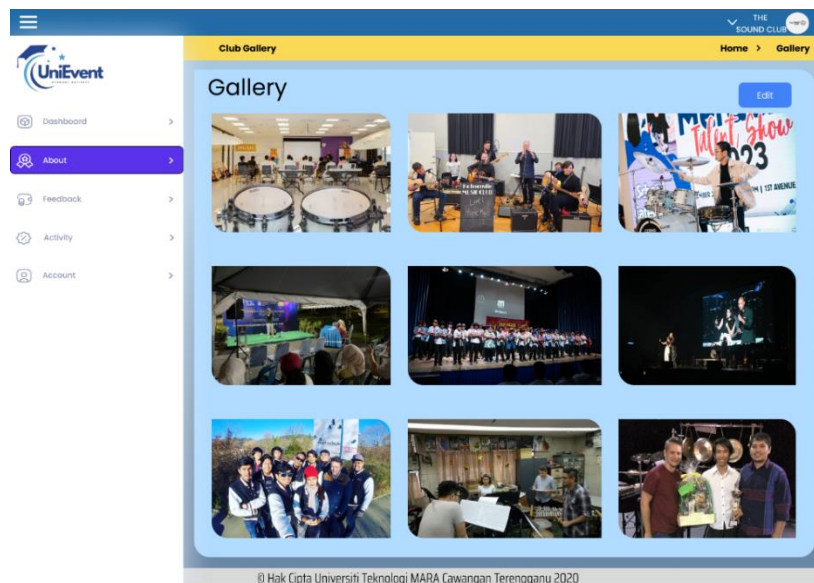


Figure 3.1

Club organizer can edit in the gallery page either want to delete or add new image.

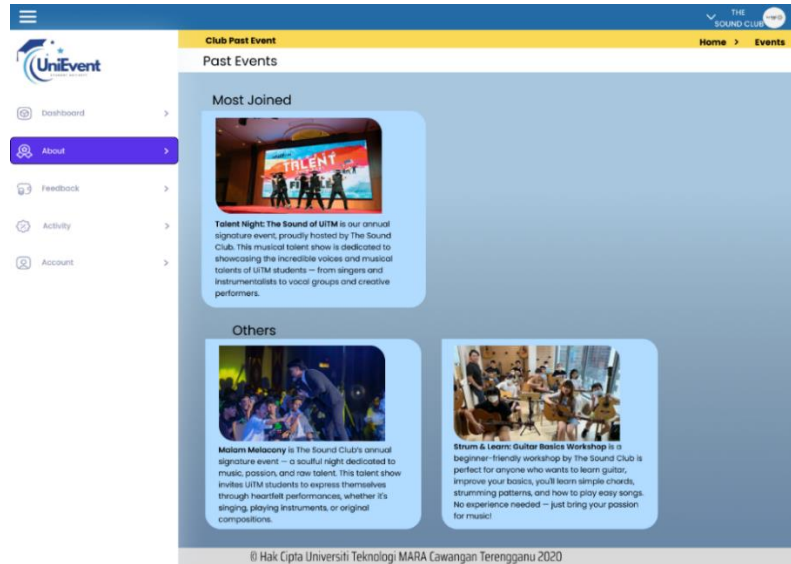


Figure 3.2

Club past event shows the events that were held. It also shows based on the categories like “Most Joined”, “Others”.

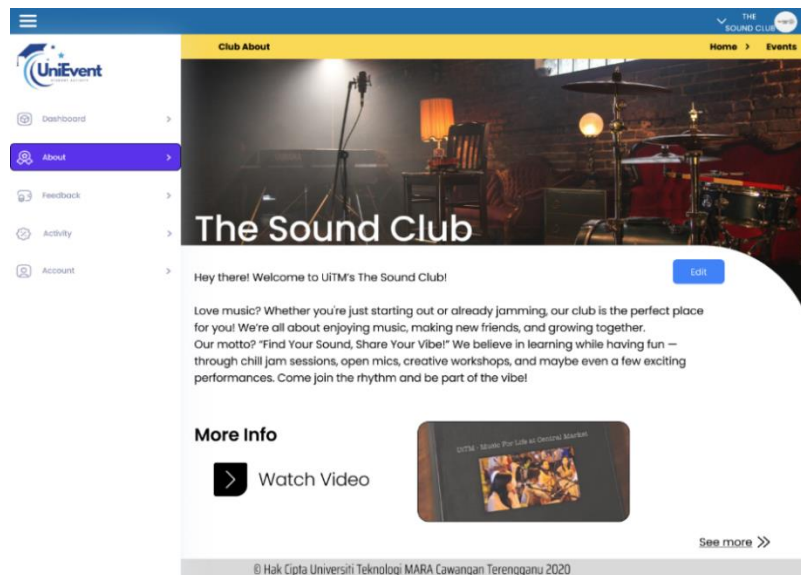


Figure 3.3

This the page for Club to create their web page so that they can promote their club to the students. This page will go to the student website so students can see it.



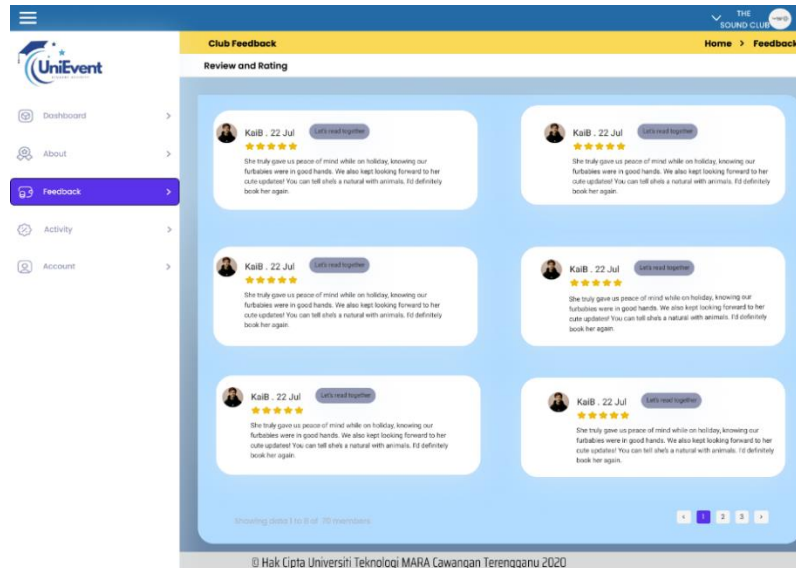


Figure 3.4

Club feedback page, club organizer can see the comment and the rating for their club and event name.

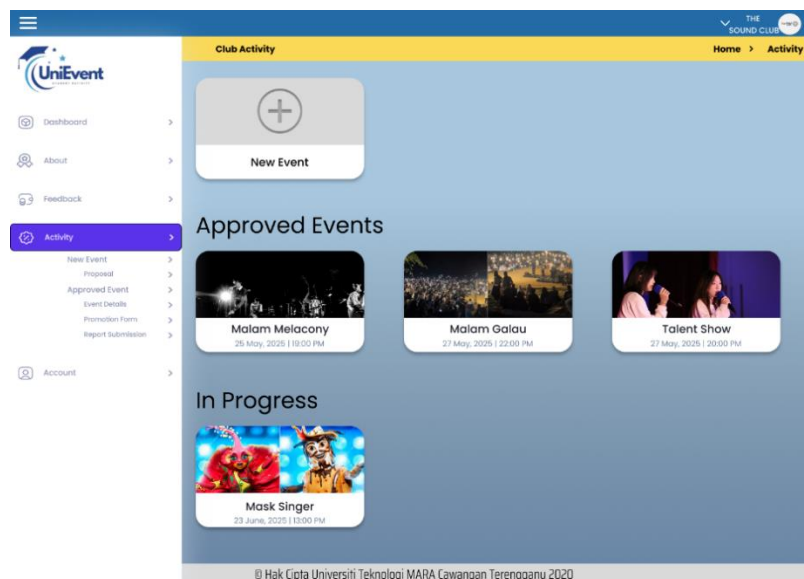


Figure 3.5

Club activity page, it shows the events that had been approved, event that in progress and can add new event.

**Club Activity Details** Home > Activity

### Event Summary

**Event Title:** Talent Show

**Category:** Arts

**Date:** 27 May 2025

**Time:** 8:00 PM - 10:00 PM

**Venue:** Dewan Sri Campaka

**About The Event:** Join Us For An Unforgettable Night Of Performances Featuring UTM's Hidden Talents! Open To All Students, This Is Your Moment To Shine On Stage Or Cheer From The Crowd.

**People in Charge**

Role	Name
Event Director	Aina Sofiya
Stage Manager	Ahmad Fali
Technical Crew Lead	Fahsan Malik
Promotions Lead	Nurul Huda
Registration & Coordination	Syafiq Azlan

**Poster:** The Sound Club TALENT SHOW 27 MAY 8:00 pm - 10:00 pm Dewan Sri Campaka FREE ENTRY show us your talent! For more information visit @TheSoundClub

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Figure 3.6

This is the example for event summary from approved event. It is showing the details about the events.

**Club Activity Details** Home > Activity

### Event Promotion Form

**Event Title** [Text Field]

**Location :** [Text Field]

**Date :** [Text Field]

**Time :** [Text Field]

**Event Description** [Text Area]

**The Sound Club**

**REGISTER NOW!**

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Figure 3.7

The event promotion form is the form for the club organizer to submit so that it can display (promote) in the students' website (event details).

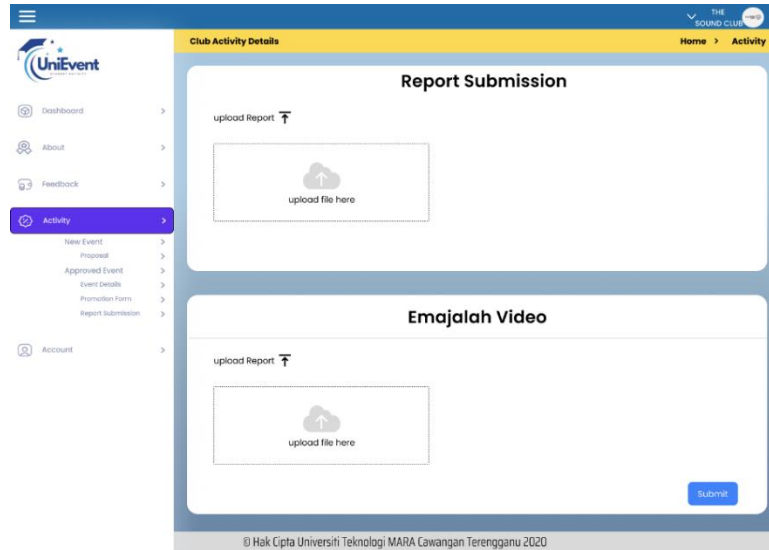


Figure 3.8

This the report and Emajalah video submission page. After the event were held, the club organizer needs to submit their report. It will then be sent to the staff and display in the report section (staff website).

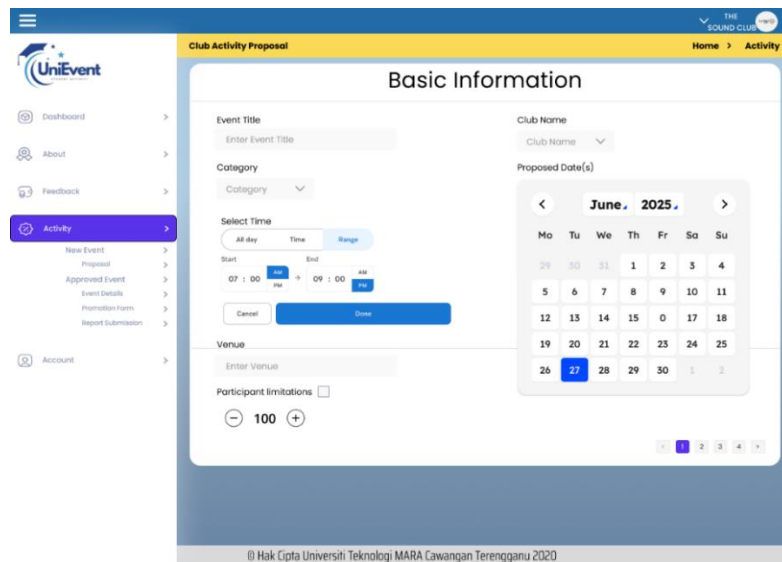


Figure 3.9

Page for the proposal, club organizer should fill the basic information such as event title, category, club name, time & date, venue and lastly participants limitations.

The screenshot shows the 'Objectives & Description' section of the 'Club Activity Proposal' form. The left sidebar contains navigation links: Dashboard, About, Feedback, Activity (selected), New Event, Proposal, Approved Event, Event Details, Promotion Form, Report Submission, and Account. The main content area has three input fields: 'Event Objective(s)' with a placeholder 'Enter Event Objectives', 'Event Description' with a placeholder '(detailed summary of the event)', and 'Target audience' with four checkboxes: 'All UiTM's student', 'Faculty', 'Open to public', and 'Only for club members'. A pagination bar at the bottom right shows steps 1, 2, 3, 4, with step 2 being the current active step. The footer text reads '© Hak Cipta Universiti Teknologi MARA Cawangan Terengganu 2020'.

Figure 4.0

Shows that fill the objectives, description and what is club target audience.

The screenshot shows the 'Committee Details' and 'Program Flow' sections of the 'Club Activity Proposal' form. The left sidebar is identical to Figure 4.0. The 'Committee Details' section contains a table with three columns: 'Role', 'Name', and 'Student ID'. There are two rows of input fields for these details. Below the table is a blue button with a plus icon. The 'Program Flow' section has a label 'upload Tentative / Flow' and a large dashed box with a cloud icon and the text 'upload file here'. A pagination bar at the bottom right shows steps 1, 2, 3, 4, with step 3 being the current active step. The footer text reads '© Hak Cipta Universiti Teknologi MARA Cawangan Terengganu 2020'.

Figure 4.1

Next is fill the committee details which is enter role, name and student id. Also upload the tentative/flow in program flow part.

The screenshot shows the 'UnitEvent' web application interface. The top navigation bar includes a hamburger menu, the 'UnitEvent' logo, and a user profile icon labeled 'THE SOUND CLUB'. The main header is 'Club Activity Proposal' with a yellow background, and a secondary header shows 'Home > Activity'. The left sidebar contains a menu with 'Dashboard', 'About', 'Feedback', 'Activity' (highlighted), 'New Event', 'Proposal', 'Approved Event', 'Event Details', 'Promotion Form', 'Report Submission', and 'Account'. The main content area is divided into two sections: 'Budget Section' and 'Publicity Plan'. The 'Budget Section' has a form for 'Estimated total budget' with a currency dropdown set to 'RM' and an 'Enter amount' input field. Below this is a label 'upload Budget Breakdown Table' with a file upload icon and a dashed box labeled 'upload file here'. The 'Publicity Plan' section has a 'Promoting Strategy' label followed by a text area 'How you want to promote it'. Below this is another 'upload Budget Breakdown Table' label with a file upload icon and a dashed box labeled 'upload file here'. At the bottom right of the 'Publicity Plan' section is a blue 'Submit' button and a pagination control showing '1 2 3 4'. The footer contains the text '© Hak Cipta Universiti Teknologi MARA Cawangan Terengganu 2020'.

Figure 4.2

Last page is for budget section fill the estimated total budget and upload budget breakdown table in pdf. For the publicity plan, the club need to upload their sample poster and tell how they promote the event.

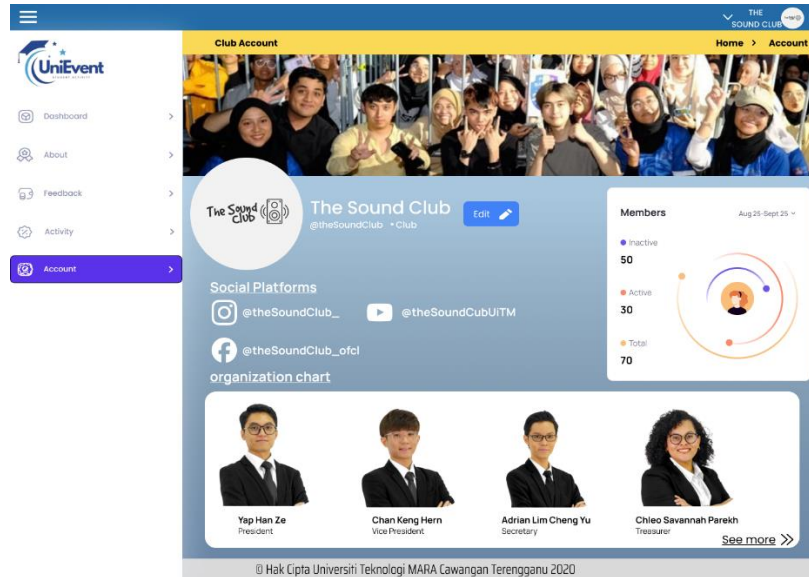


Figure 4.3

This page shows the club profile details such as their social platforms, members statistics and the organisation chart that contains pictures.

Admin / staff page:

Admin Dashboard:

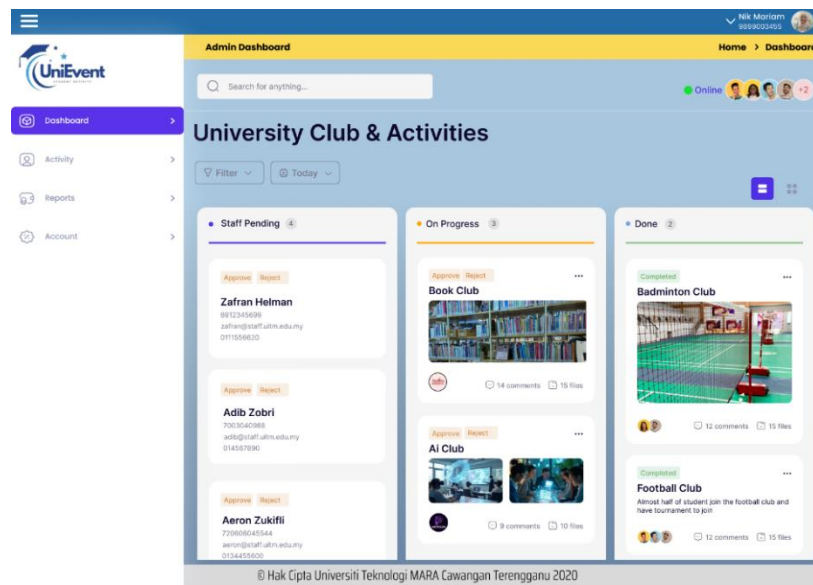


Figure 4.4

Admin Dashboard shows the list of approved events, events that need to be approved and staff registration request into the web.

Staff Dashboard:

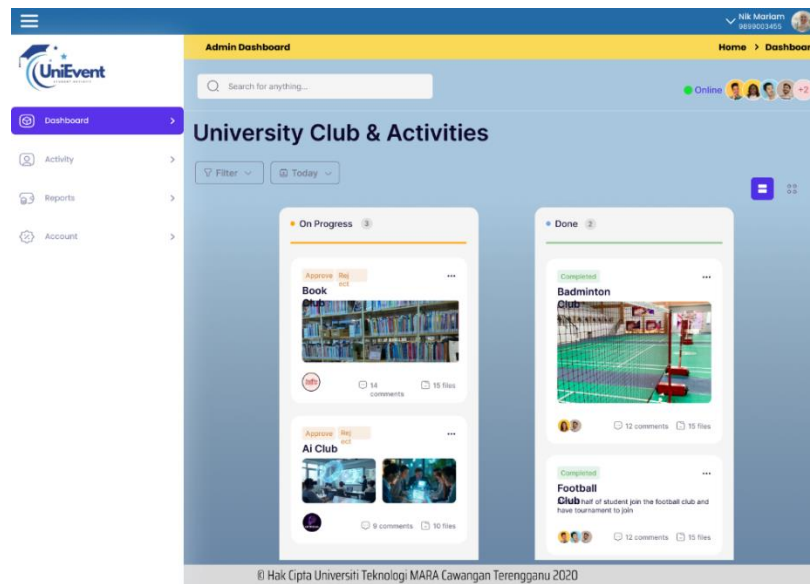


Figure 4.5

Staff dashboard is the same with Admin dashboard, but it doesn't have the list of staff registration request.



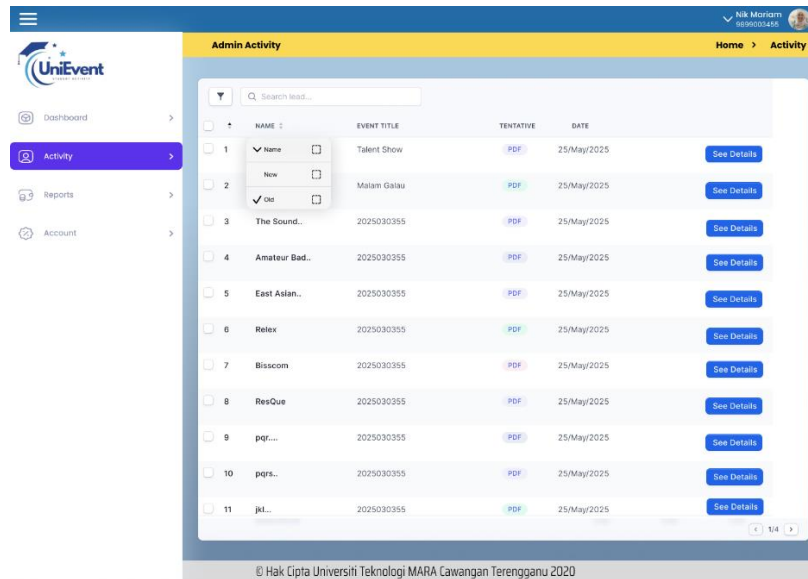


Figure 4.6

Admin Activity page contains list of clubs' events' proposals that need to be approved by the staff/admin. The staff need to see details first before approve/reject the proposal.

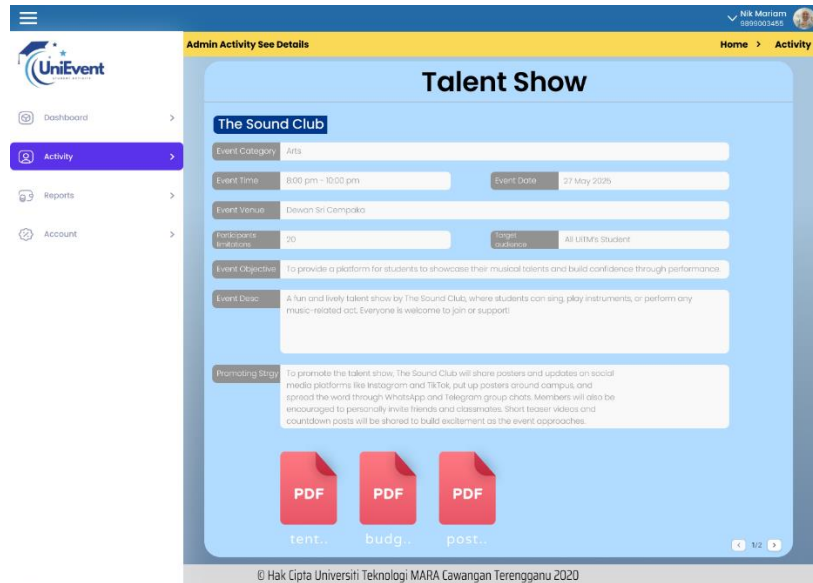


Figure 4.7

After the staff push the see details button, it leads to this page. This page shows the event details. It contains 2 pages. The pdfs are the tentative, budget plan, and poster.

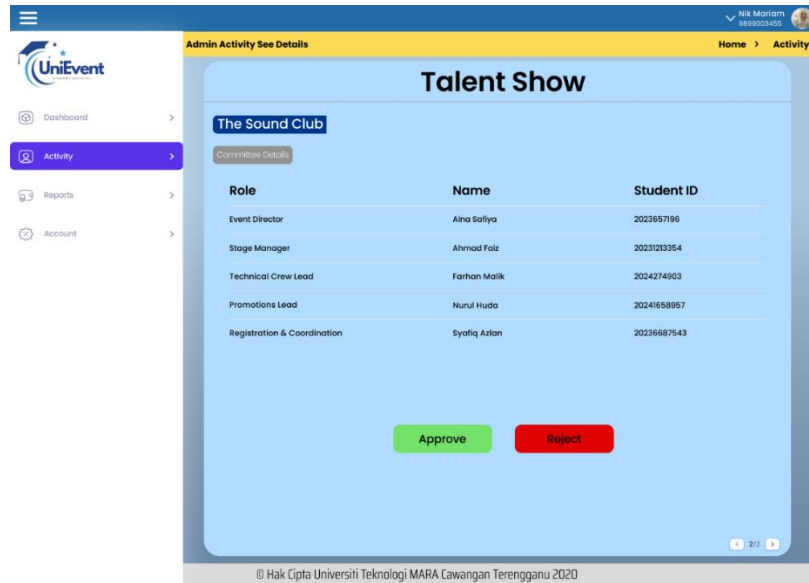


Figure 4.8

For the second page of Event details, it shows committee details (role, name, student id). Then staff can approve or reject the proposal.

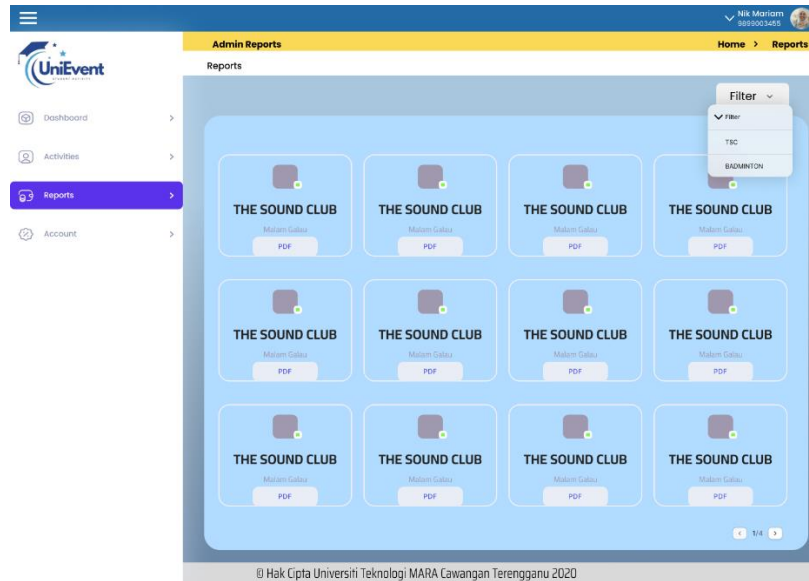


Figure 4.9

In the Reports section, there is a list of event reports that have been held. These reports can be filtered by club name using the dropdown menu.

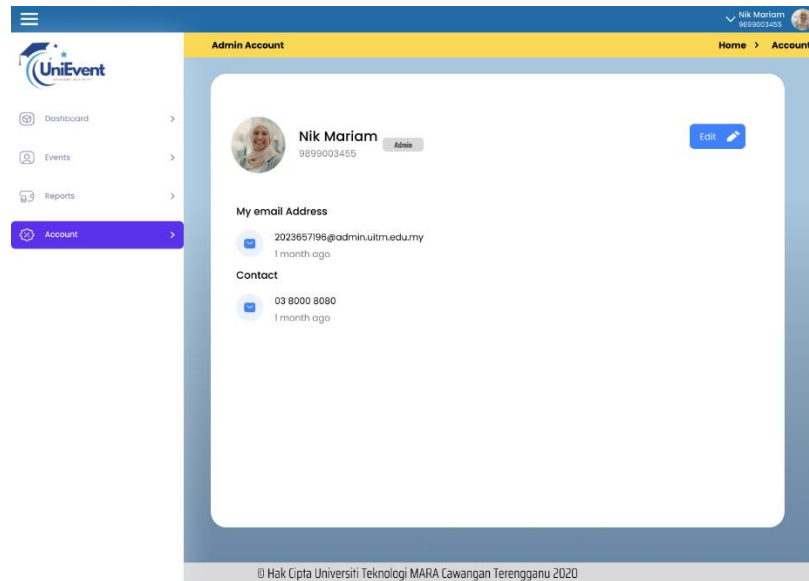


Figure 5.0

The account page shows the admin's name, phone number, email address, and role. There is also an Edit button to update the information.

## 8. CONTRIBUTION

STUDENT NAME	CONTRIBUTION
NUR ADLINA BALQIS BINTI JAAFAR	<ul style="list-style-type: none"><li>❖ Produced an Activity Diagram.</li><li>❖ Storyboard</li></ul>
SITI NURAINA BINTI MAHADI	<ul style="list-style-type: none"><li>❖ Contributed to designing the user site maps.</li><li>❖ Storyboard</li></ul>
MUHAMMAD RAZIQ BIN CHE JUSOH	<ul style="list-style-type: none"><li>❖ Introduction &amp; Objectives.</li></ul>
MUHAMMAD ARIF FAHMI BIN MOHAMAD ANUAR	<ul style="list-style-type: none"><li>❖ Generated an ERD.</li><li>❖ Developed a Class Diagram.</li></ul>