



اَوْنَبُوْ رَسَائِيَّتِي تِيَكْنُوْلُوْجِي مَارَا
UNIVERSITI
TEKNOLOGI
MARA

FACULTY MANAGEMENT SYSTEM USER MANUAL

CSC584 ENTERPRISE PROGRAMMING

FACULTY OF COMPUTER SCIENCE AND MATHEMATICS

UNIVERSITI TEKNOLOGI MARA

PREPARED FOR:

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1. INTRODUCTION

Faculty Club Management System is web-based centralized system designed to streamline administrative and social operations between faculty's clubs in Universiti Teknologi MARA (UiTM). The system provides a user-friendly interface for the three-leveled users, which are students (regular user), members of faculty's club, and advisor for each club. Club involvement and events schedules are shown through an interactive dashboard. JAVA DB (derby) is used for the backend, which will ensure secure data persistence for tasks, member details and event dates.

2. OBJECTIVES

- **To centralized events publication:** To establish a unified digital hub that consolidates all faculty club activities.
- **To streamline user hierarchies and permissions:** To establish a secure environment with distinct functionalities for three user levels.

3. PROBLEM STATEMENT

- **Fragmentation of Information:** Event announcements are messy across various unofficial channels.
- **Limited Accessibility:** Existing manual or desktop-based solutions restrict users from accessing information about events.
- **Difficulty in Performance Tracking:** Faculty Advisors have no way to generate reports other than making the students scan QR-codes to give events feedback.

4. ERD

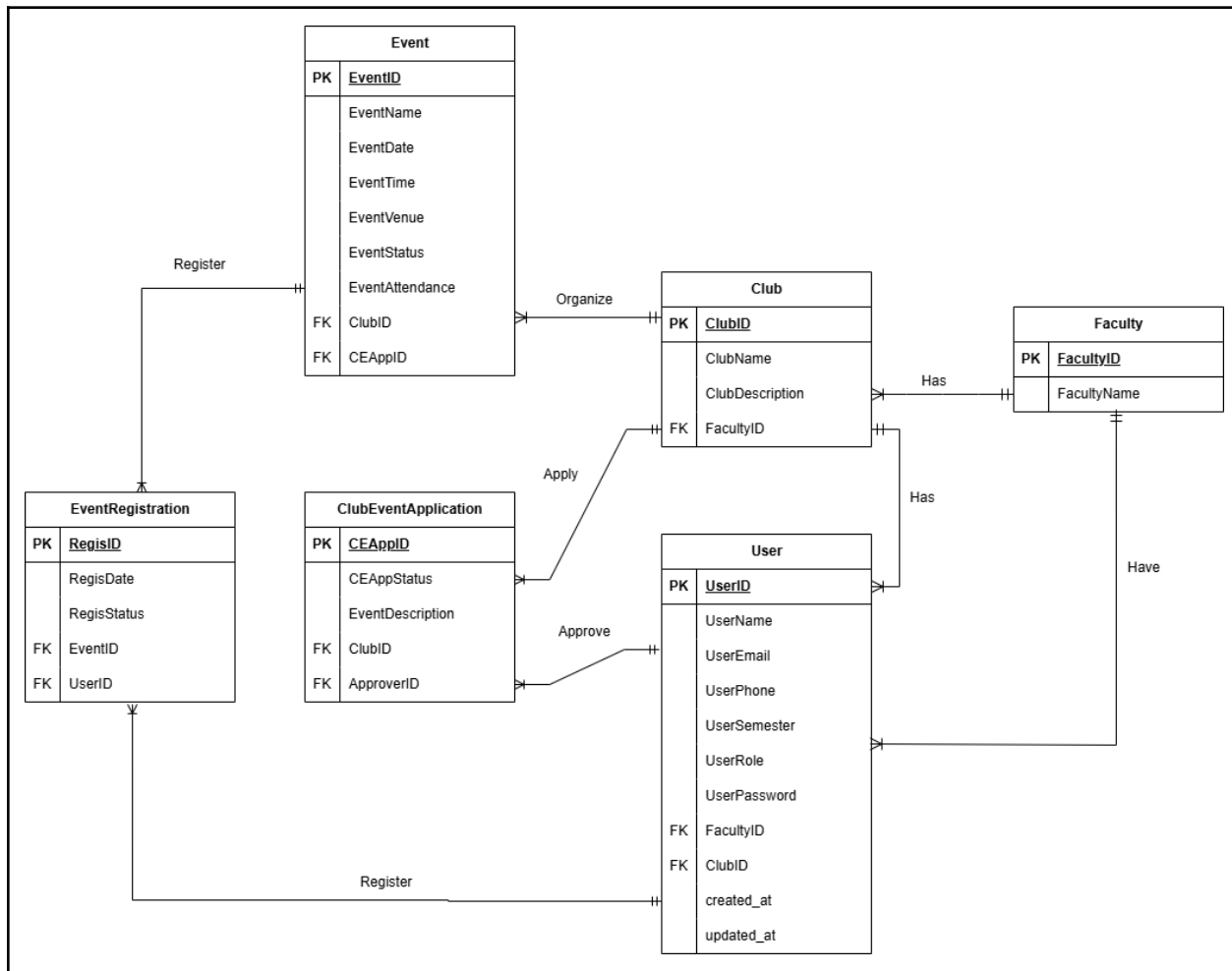


Figure 1: Entity Relationship Diagram (ERD) for the UiTM Faculty Management System.

5. MVC

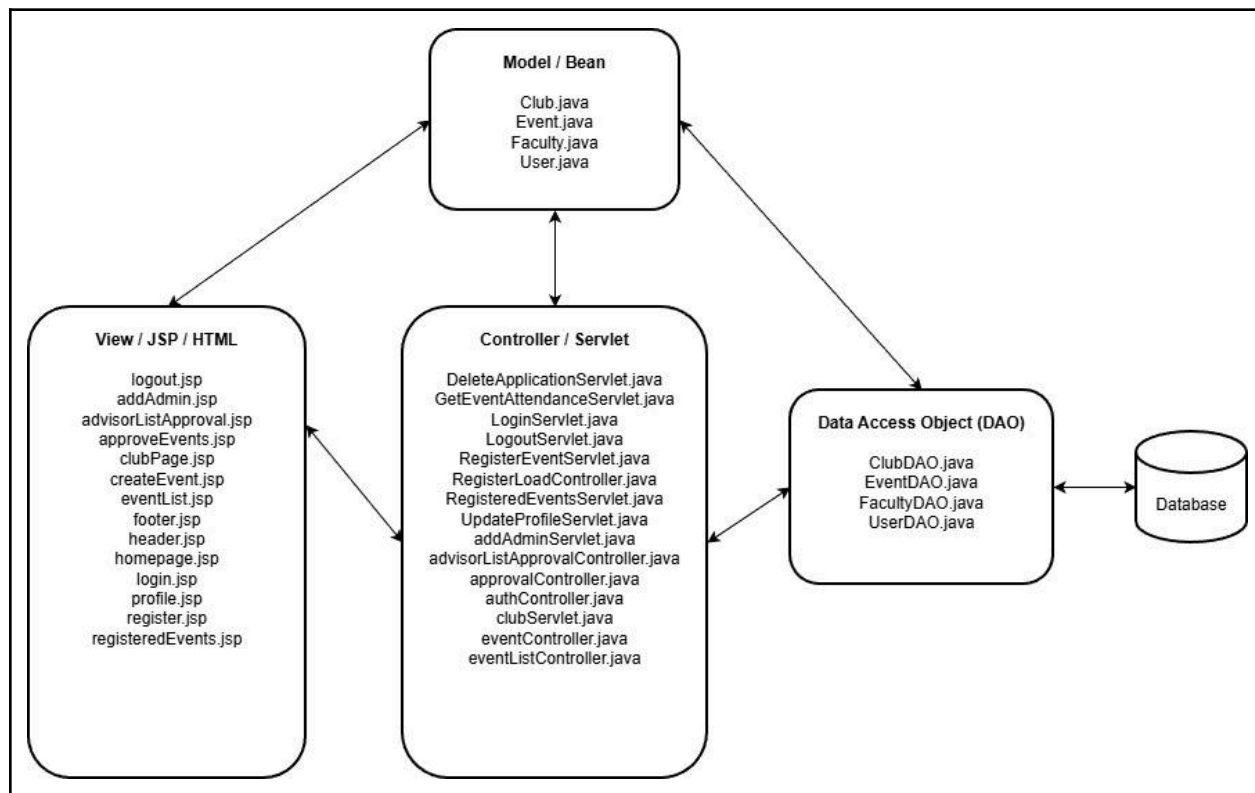


Figure 2: Model View Controller (MVC) Framework Design for the UiTM Faculty Management System

6. WEBPAGE & DESC

6.1. LOGIN PAGE

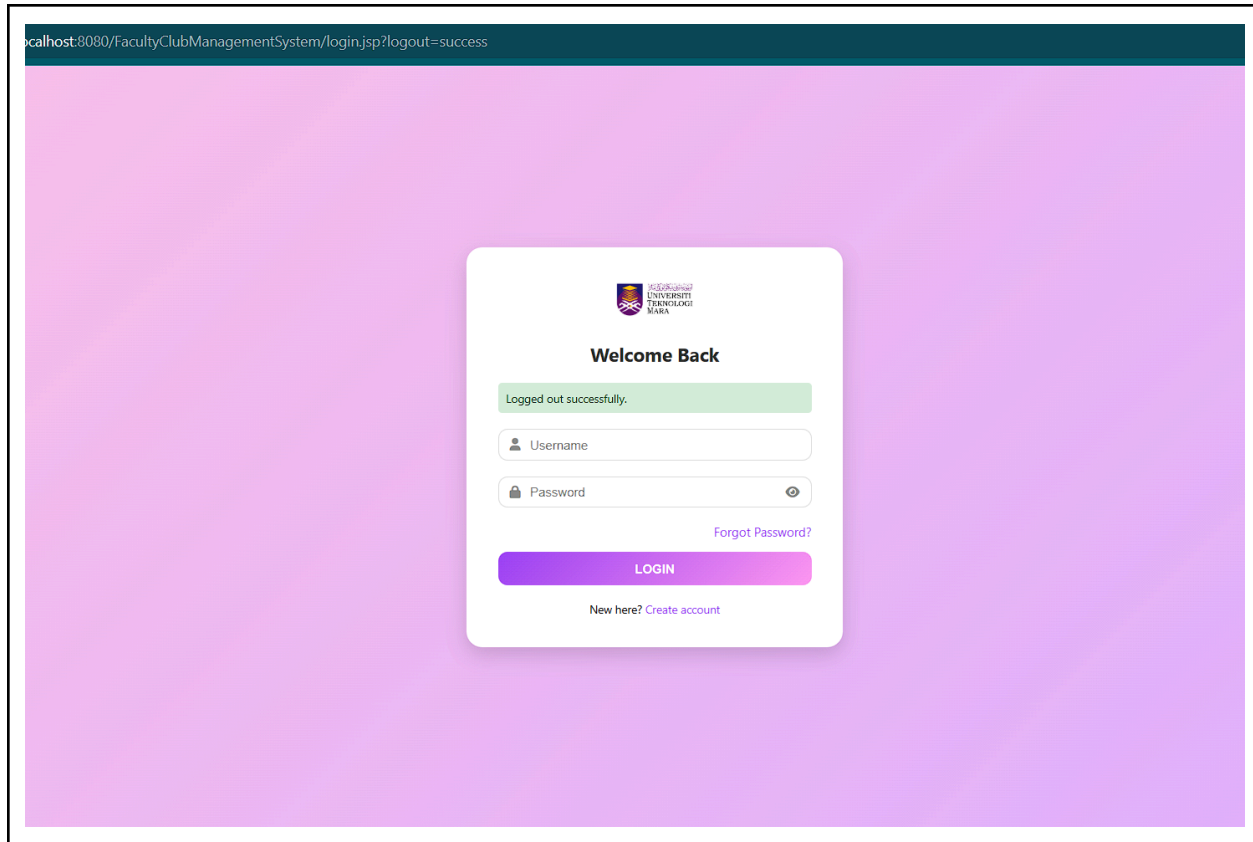


Figure 3: Login Page

Description: In the login page, the user can fill in their username and password to login into the system. If the user has not registered as any three users (Student, Member or Advisor), the user can click on the “Register” option below the “Login” button but only as Student.

6.2. REGISTER PAGE

The screenshot shows a web browser window with the address bar displaying 'localhost:8080/FacultyClubManagementSystem/RegisterLoadController'. The page has a light purple background. In the center, there is a white card titled 'Create Account' with the UITM logo and the text 'Join UITM Club Management System'. The card contains several input fields: 'Username' with a placeholder 'Enter your username', 'Email' with a placeholder 'example@student.uitm.edu.my', 'Password' with a placeholder 'Enter password', 'Phone Number' with a placeholder '0123456789', and 'Semester' with a placeholder '1-8'. There are also two dropdown menus: 'Club' with a placeholder 'Select your club' and 'Faculty' with a placeholder 'Select your faculty'. At the bottom of the card is a large purple button labeled 'CREATE ACCOUNT' and a link 'Already have an account? Login here'.

Figure 4: Register Page

Description: Upon clicking the “Register” option, the system will display this page where the user can fill in their relevant details such as username, password, Email, Phone Number, Semester, Select Club, Select Faculty. Once all the details are entered and the user is satisfied with the details they entered, they can click on the “REGISTER” button below which will register them into the system. Upon successfully registering, the user will be led back to the login page where they will fill in their details before logging into the system.

6.3. HOMEPAGE-STUDENT

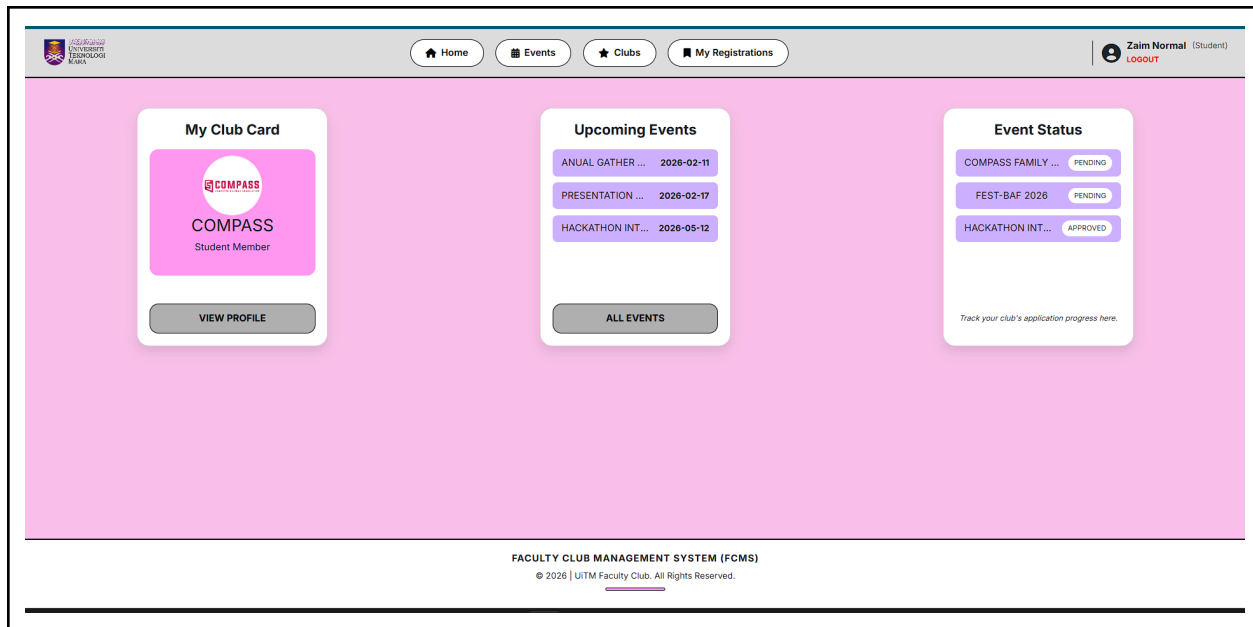


Figure 5: Homepage for Student

Description: In the homepage for all three users, for the navigation bar they will all have the UiTM logo, HOME, EVENTS AND CLUBS button and display what they are currently login as. For students, in the main section, if they want to view their profile they can click “MY CLUB CARD”. If they want to view a list of upcoming events, they can click either “EVENTS” in the navigation bar or “ALL EVENTS” in the EVENT section. If they want to view their registered events they can click “My Registration”.

6.4. HOMEPAGE-MEMBER

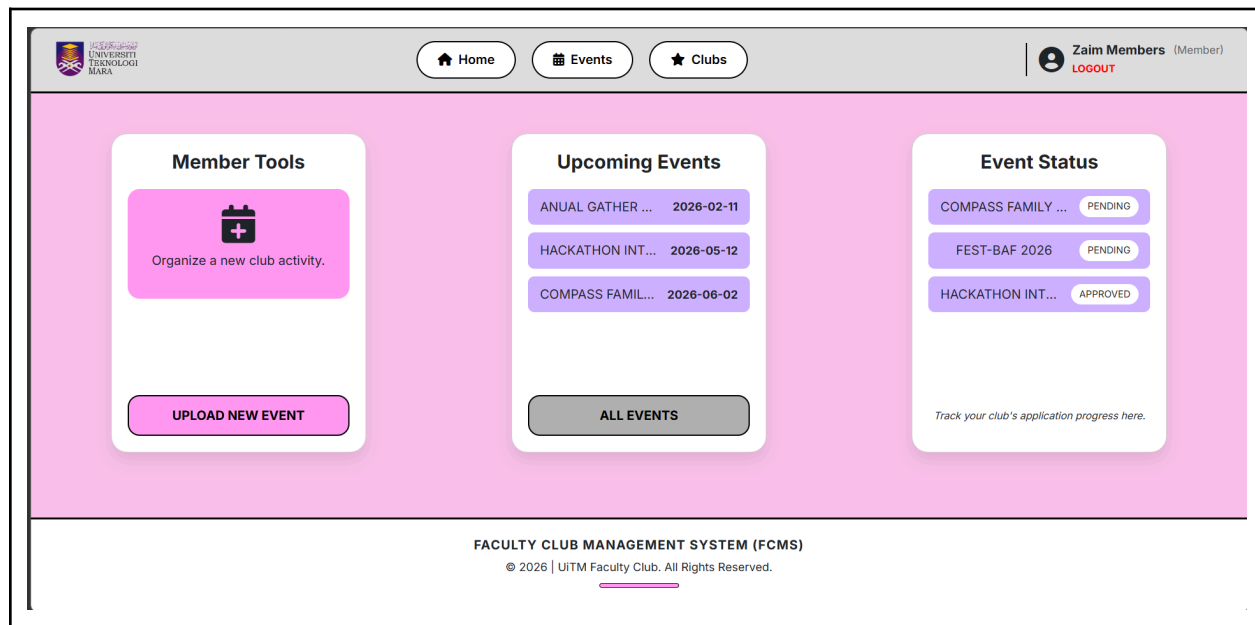


Figure 6: Homepage for Member

Description: For the member side the main section will have “MEMBER TOOLS” to “UPLOAD NEW EVENT” if they want to propose new events.

6.5. HOMEPAGE-ADVISOR

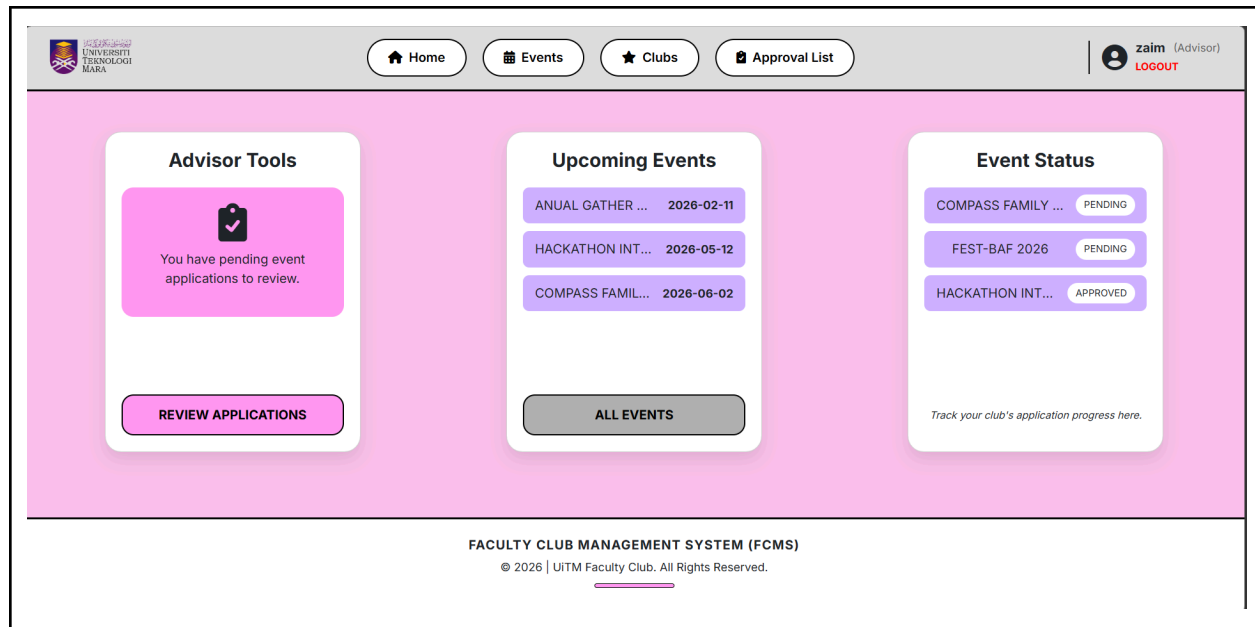


Figure 7: Homepage for Advisor

Description: For the Advisor, in the navigation bar, it will have “APPROVAL LIST” as the 4th button if they want to view their list of approved or rejected events by the advisor. In the main section, it will have the “ADVISOR TOOL” to review the proposed events by the club member for approval or rejection also.

6.6. USER PROFILE-STUDENT

The figure displays two screenshots of a web application's user profile page for a student. Both screenshots share a common header with the University of Technology, Malaysia logo, navigation links (Home, Events, Clubs, My Registrations), and a user profile section for 'Zaim Normal (Student)' with a 'LOGOUT' button.

Top Screenshot (Profile View): The main content area features a white profile card with a pink background. The card includes a user icon, an edit icon, and five input fields displaying the following information:

- FULL NAME: Zaim Normal
- USER ROLE: Student
- EMAIL ADDRESS: zaim123@gmail.com
- PHONE NUMBER: 0115897904
- CURRENT SEMESTER: Semester 1

Bottom Screenshot (Edit Profile View): The main content area features a white profile card with a pink background. The card includes a user icon, a close icon, and two input fields for editing:

- EMAIL ADDRESS: zaim123@gmail.com
- PHONE NUMBER: 0115897904

Below the input fields are two buttons: 'SAVE CHANGES' and 'Cancel'.

Figure 8: User profile for Student

Description: In the user profile page for students, it will display their user role, email addresses, phone number and semester they're currently in. The user can also edit their email address and phone number if they have a new one.

6.7. PROPOSE EVENT PAGE-MEMBER

The screenshot shows a web application interface for proposing a new event. The page has a pink background. At the top, there is a navigation bar with a logo on the left, three buttons labeled 'Home', 'Events', and 'Clubs' in the center, and a user profile section on the right labeled 'Zaim Members (Member)' with a 'LOGOUT' link. The main content area is a white card titled 'Propose a New Event' with the instruction 'Fill out the details below to submit your event idea for approval.' Below the title, there is a purple button labeled 'Proposing as: (Member)'. The form contains several input fields: 'EVENT TITLE' with a placeholder 'e.g., Annual Tech Summit 2026', 'EVENT DESCRIPTION' with a placeholder 'Share the purpose and agenda of the event...', 'DATE' with a placeholder 'mm/dd/yyyy' and a calendar icon, 'TIME' with a placeholder '--:--:--' and a clock icon, 'VENUE' with a placeholder 'e.g., Dewan Agong, UiTM', 'MAX PARTICIPANTS' with a placeholder 'e.g., 100', and 'ORGANIZING CLUB ID' with a placeholder 'Enter Club ID'. At the bottom of the form is a pink button labeled 'SUBMIT EVENT PROPOSAL'.

Figure 9: Propose event page for Member

Description: In this page, the member will create a proposal for new events. They can fill in the proposed event details in the form and submit the proposal to be reviewed by the advisor.

6.8. REVIEW APPROVAL-ADVISOR

The screenshot shows the 'Event Application Approvals' page in the Faculty Club Management System (FCMS). The page features a table with the following data:

#	Event Name	Status	Action
#1	Tech convention recycle	Pending Approval	✓ Approve ✗ Reject
#2	Tech aerospace	Rejected	🗑 Delete
#3	Tech aerospace	Approved	Processed
#4	Jamuan Hari Raya	Approved	Processed
#5	Annual Gather Meet	Approved	Processed
#6	FEST-BAF 2026	Approved	Processed
#7	COMPASS FAMILY DAY	Approved	Processed
#8	HACKATHON INTERNATIONAL	Approved	Processed

The navigation bar at the bottom includes the following elements:

- Home
- Events
- Clubs
- Approval List (selected)
- User: zaim (Advisor) with a LOGOUT button

A green notification banner at the top of the table area states: "Rejected application deleted successfully."

Figure 10: Reviewing Event Application for Advisor

Description: The advisor will review the proposed event here on the “Approval List” tab at the navigation bar. This page will display all the pending review events proposed by members and will display rejected or approved previous events also. The rejected events can also be deleted from the list.

6.9. EVENT PAGE-STUDENT

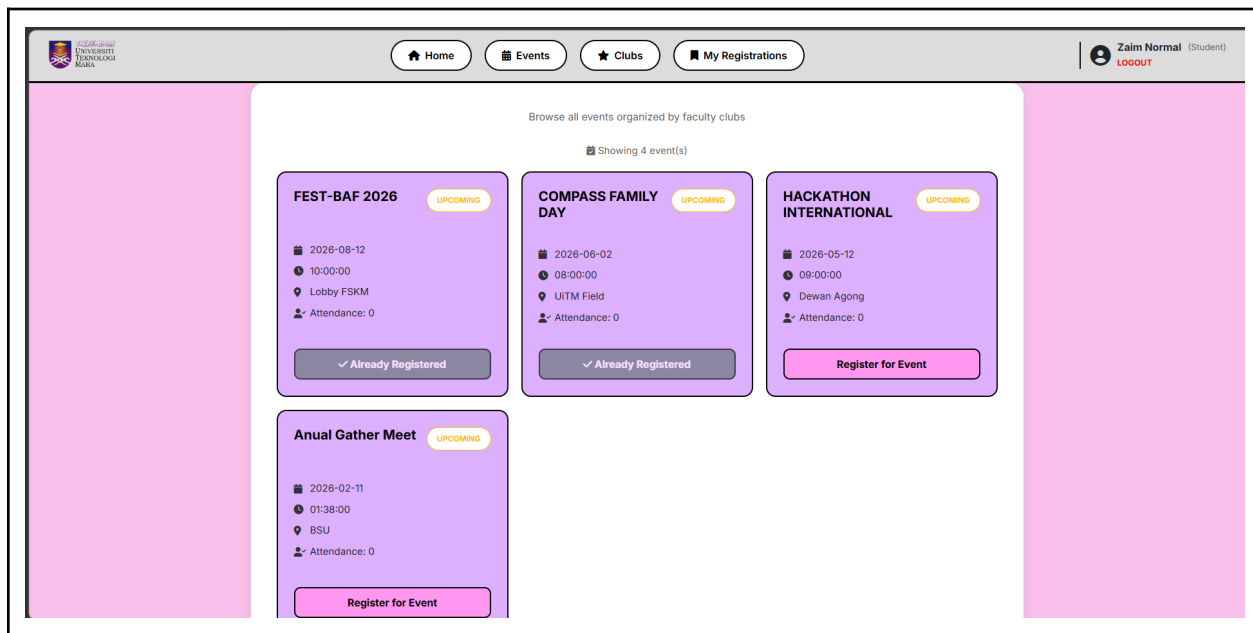


Figure 11: Event page for Student

Description: In the "EVENTS" page for Student, it will display all the upcoming events that have already been approved by the Advisor each with a "Register for Event" button, if the student wants to register for that event, they will be turned to "Already Registered".

6.10. EVENT PAGE-MEMBER

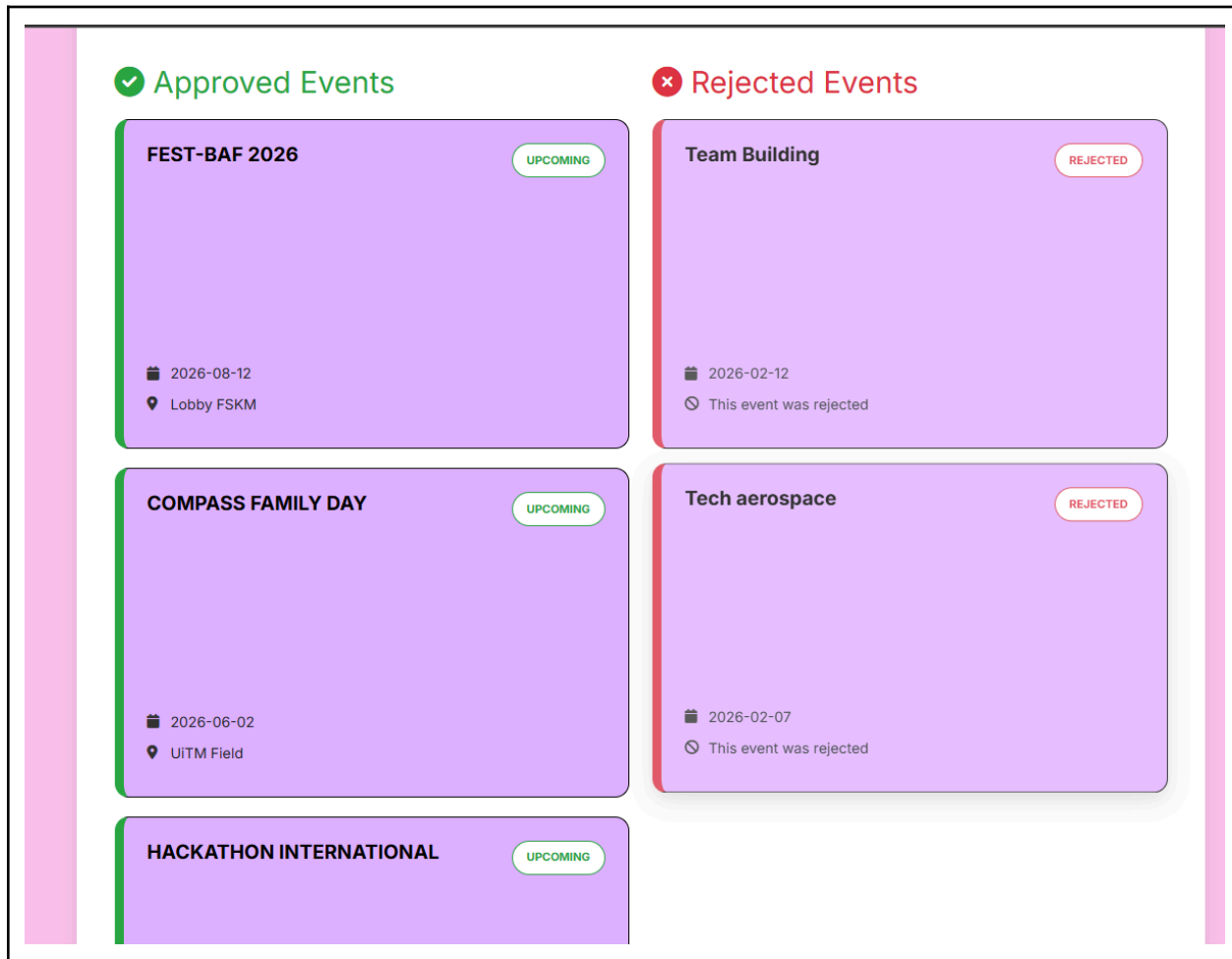


Figure 12: Event Page for Member

Description: In the “EVENT PAGE” for Members it will display all the upcoming events that have already been approved by the Advisor and all the past Approved and Rejected events.

6.11. EVENT PAGE-ADVISOR

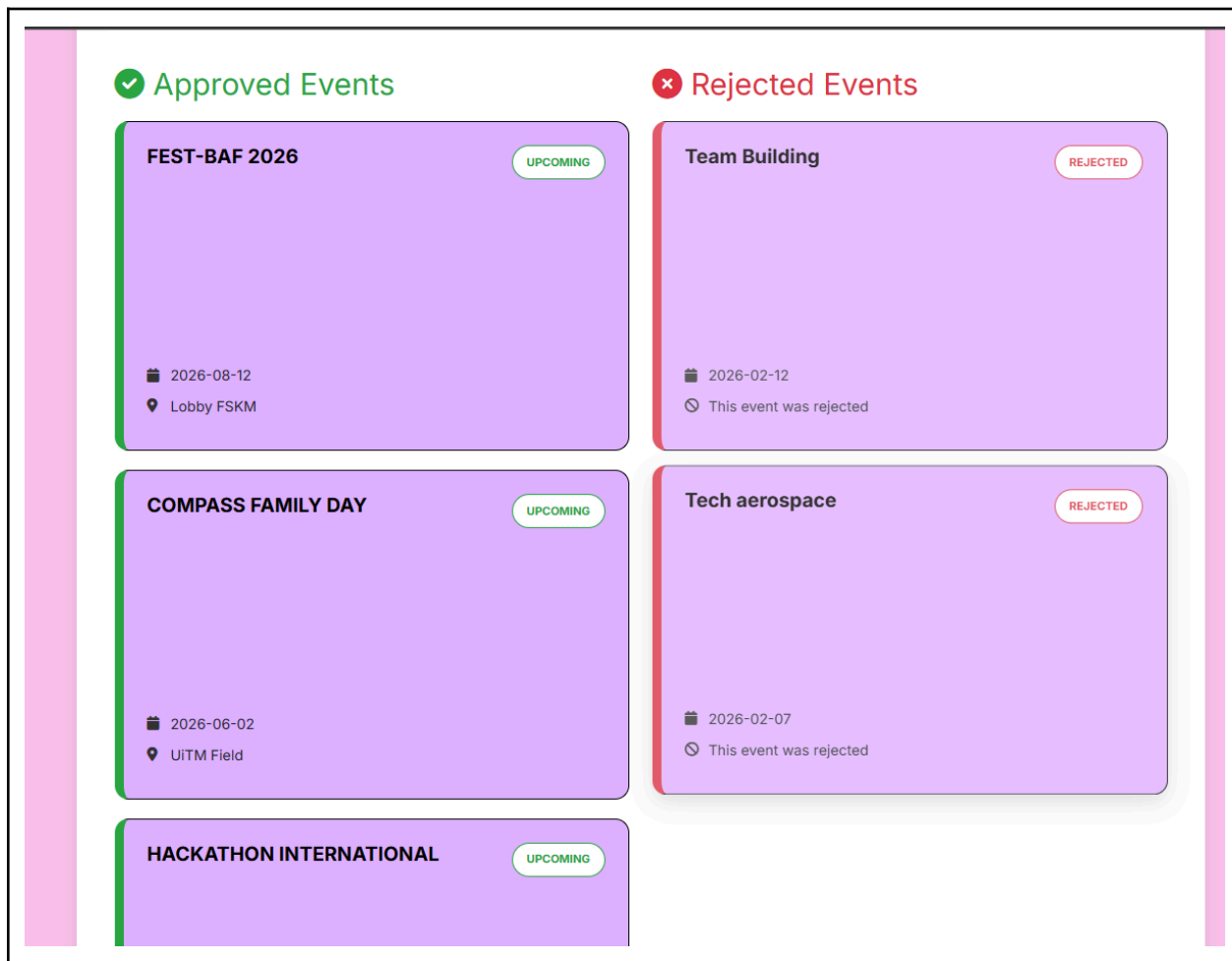


Figure 13: Event page for Advisor

Description: In the EVENT PAGE for Advisor, it will also display the list of all upcoming events which is the same with Members view.

6.12. CLUB PAGE-STUDENT

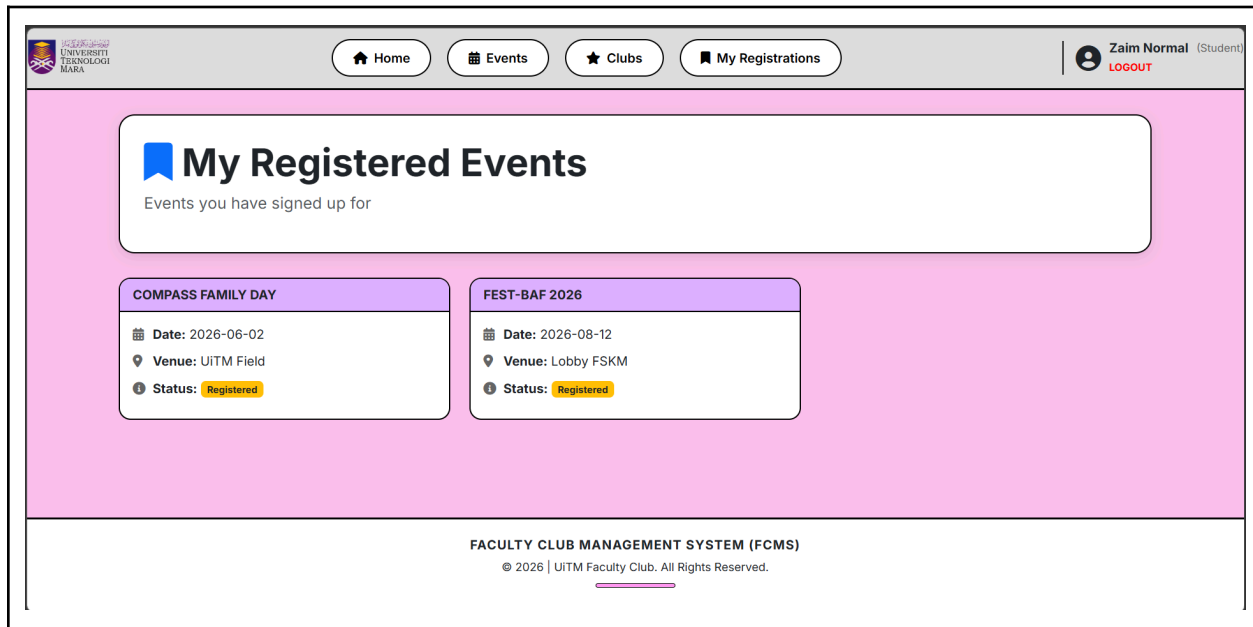


Figure 14: Club page for Student

Description: In the “CLUB PAGE” for Students, it will display which club the student is currently in and the total number of events the user joined with the list of registered event.

6.13. CLUB PAGE-MEMBER

The screenshot displays a web application interface for a member to create an event report. The page has a light purple background. At the top, there is a navigation bar with a logo on the left, three buttons labeled 'Home', 'Events', and 'Clubs' in the center, and a user profile section on the right labeled 'Zaim Members (Member)' with a 'Logout' link. The main content area is a white form titled 'CREATE EVENT REPORT'. The form is divided into several sections: 'SELECT EVENT' with a dropdown menu; 'EVENT DETAILS' with input fields for 'Event Name', 'Event Date', and 'Venue'; 'ATTENDANCE & ENGAGEMENT' with input fields for 'Total Registered' (showing 0) and 'Total Attendance' (showing 0), and a text area for 'Engagement Summary'; 'FINANCIAL REVIEW' with input fields for 'Budget (RM)', 'Expenses (RM)', and 'Balance (RM)'; 'FINANCIAL NOTES' with a text area; 'RATINGS & FEEDBACK' with a 'Performance Rating' (five stars), and two text areas for 'Positive Feedback' and 'Improvements'; and 'E-SIGNATURE' with an 'Upload Signature Image: (PNG/JPG)' section containing a 'Choose File' button and the text 'No file chosen'. A black button labeled 'PRINT REPORT' is at the bottom of the form. The footer of the page contains the text 'FACULTY CLUB MANAGEMENT SYSTEM (FCMS)' and '© 2020 | UTM Faculty Club. All Rights Reserved.'

Figure 15: Club page for Member

Description: In the “CLUB PAGE” for Members, it will display a form for members to fill in for a post-event report. The member will select which event it is based on “Event ID” then some field will be read from the correct table in the database. Then, after the member is satisfied with the details, then the member can print it for any hardcopy evidence.

6.14. CLUB PAGE-ADVISOR

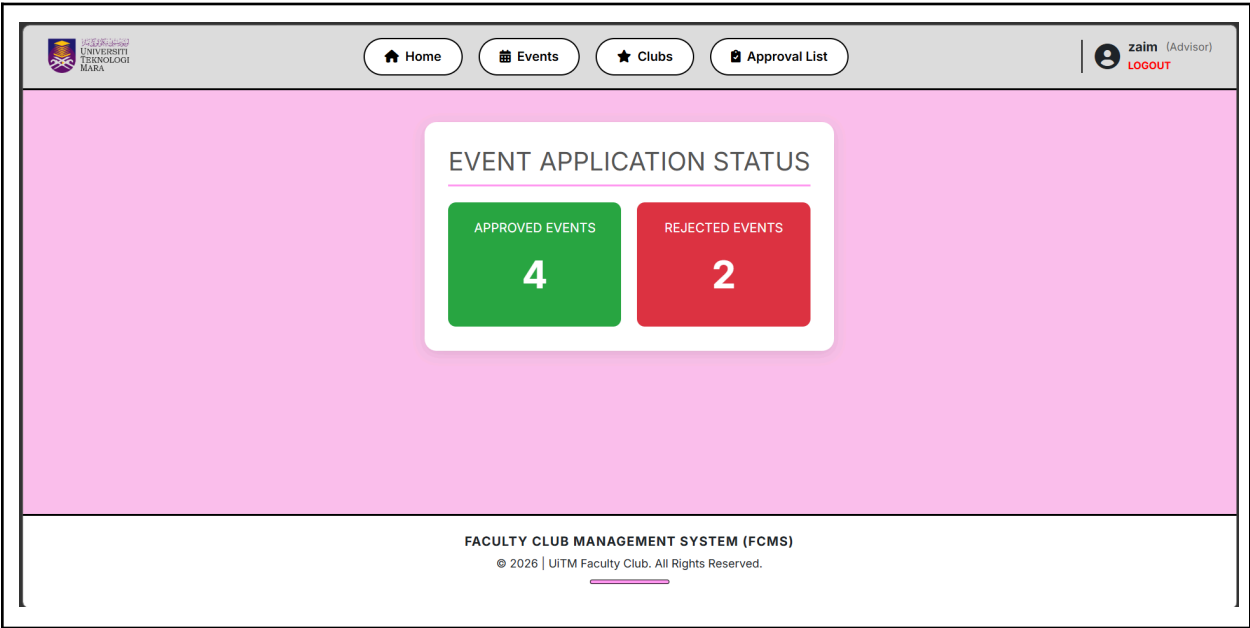


Figure 16: Club page for Advisor

Description: In the club page for Advisor, they can view the total list of approved or rejected events.

6.15. LOGOUT PAGE

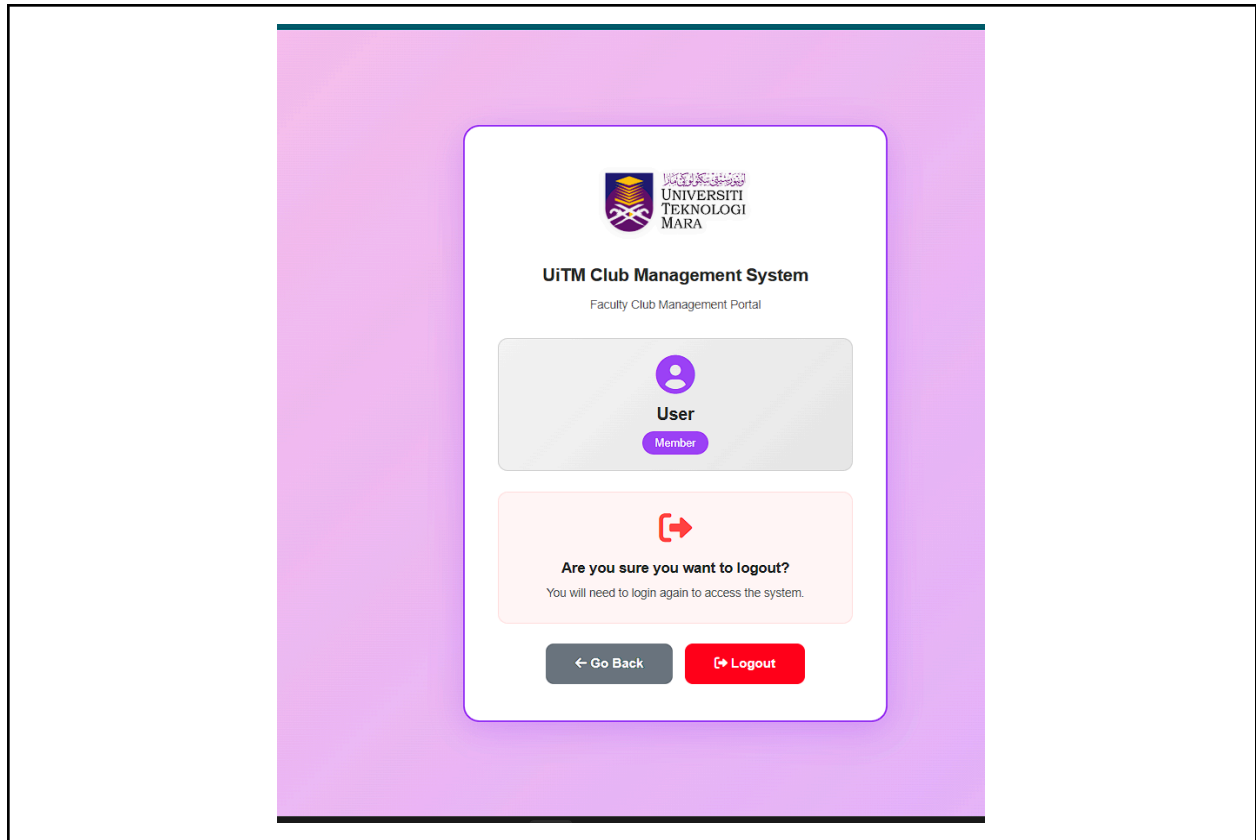


Figure 18: Logout page confirmation message.

Description: If the user decides to logout, they will click the logout button on the rightmost of the navigation bar then they will be prompted by the confirmation message before logout.