



UNIVERSITY MALAYSIA TERENGGANU

CSE3133

WEB-BASED INTERFACE DESIGN

School Sports Equipments System

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1 Introduction (Milestone 1)

1.1 Purpose of the Site

The purpose of the School Sports Equipment Systems website is to provide information, resources, and tools related to sports equipment for schools. It helps schools find the right equipment, manage their inventory, and make informed purchasing decisions.

1.2 Goal of the Website

- Provide a comprehensive catalog of sports equipment for schools.
- Offer detailed product information, including specifications and pricing.
- Assist schools in managing their sports equipment inventory.
- Facilitate easy online ordering and purchasing of equipment.
- Provide resources and guides on equipment maintenance and safety.
- Offer customer support and assistance for schools with their equipment needs.

1.3 Intended Audience

- Physical Education Teacher
- Student
- Sports Equipments Store Coordinator

1.4 Opportunity/Problems/Issues

Opportunity

1. Simplify the management of sports equipment such as footballs, hockey sticks, hockey balls, rackets, badminton.
2. Collect information about sports equipment management such as equipment registration and equipment borrowing more efficiently and effectively.

3. Process information quickly and accurately.

Issue

- Data redundancy and inconsistency

1.5 Type of Content

Content for the site will include a clear inventory list, a user-friendly check-in and check-out system, basic user authentication for administrators and coaches, search functionality, essential notifications for low stock or overdue returns, basic reports on equipment usage, a maintenance log, a support form, clear policies on equipment use, and a mobile-friendly design for accessibility. The emphasis is on simplicity and usability to address the specific needs of a school sports environment

1.6 Related Websites

- Equipment Management

<https://www.fleetio.com/solutions/tool-and-equipment-management-software>

- Sport Facility Management

<https://acctivate.com/industries/sports-equipment-inventory-software/>

2 Web Design (Milestone 2)

2.1 Page Titles

1. Describe the goal of your web site in one or two sentences.
 - The goal of the School Sports Equipment Systems website is to provide a centralized and user-friendly platform for schools to efficiently manage and procure sports equipment, facilitating the organization and coordination of sports activities within educational institutions.
2. List the working title of each page on your web.
 - (a) Login - To provide authorized users with secure access to the system, ensuring that only authenticated individuals can use and interact with the platform's features and services. It serves as a gatekeeper for user-specific information and functionalities.
 - (b) User Login Activity - Tracks and records user access to the system, providing insights into login patterns, security monitoring, and user engagement. It helps in analyzing user behavior, ensuring security, and optimizing the user experience on the platform.
 - (c) Frequently Asked Questions (FAQs) - Serves as a resource for users, offering concise and informative answers to commonly asked questions. It aims to provide quick solutions, enhance user understanding, and reduce the need for direct support interactions.
 - (d) Sports Equipment Registration - Enables users to register sports activities and associated equipment. It streamlines the process of organizing and managing sports events, ensuring accurate tracking of available equipment and facilitating efficient coordination for sports-related activities.
 - (e) Equipment Inventory - Allows users to systematically track and manage available equipment. It provides a comprehensive overview of the current stock, facilitating efficient inventory management, equipment maintenance, and timely replenishment.
 - (f) Borrow Sports Equipment - Allows users to request and borrow sports equipment. It streamlines the borrowing process, tracks equipment availability, and ensures efficient management of sports gear, promoting accessibility for users involved in sports activities.
 - (g) Menu - serves as the navigational hub, presenting users with a structured interface to access various features and sections within the system. It pro-

vides an organized and user-friendly pathway to different functionalities, enhancing the overall user experience and facilitating efficient interaction with the platform.

- (h) Contact Supplier - Enables users to communicate with suppliers regarding sports equipment procurement. It streamlines the process of reaching out to suppliers, obtaining quotations, and facilitating collaboration, ensuring a smooth and efficient procurement workflow.

2.2 List of Sources

- Al-Ikhsan Sports: <https://www.al-ikhsan.com>
- Sports Direct Malaysia: <https://www.sportsdirect.com.my>
- TuneTank - Sound Effects: <http://surl.li/ohnma>
- FreePik - Sport Equipment Concept : <http://surl.li/ohnpa>

2.3 Sitemap

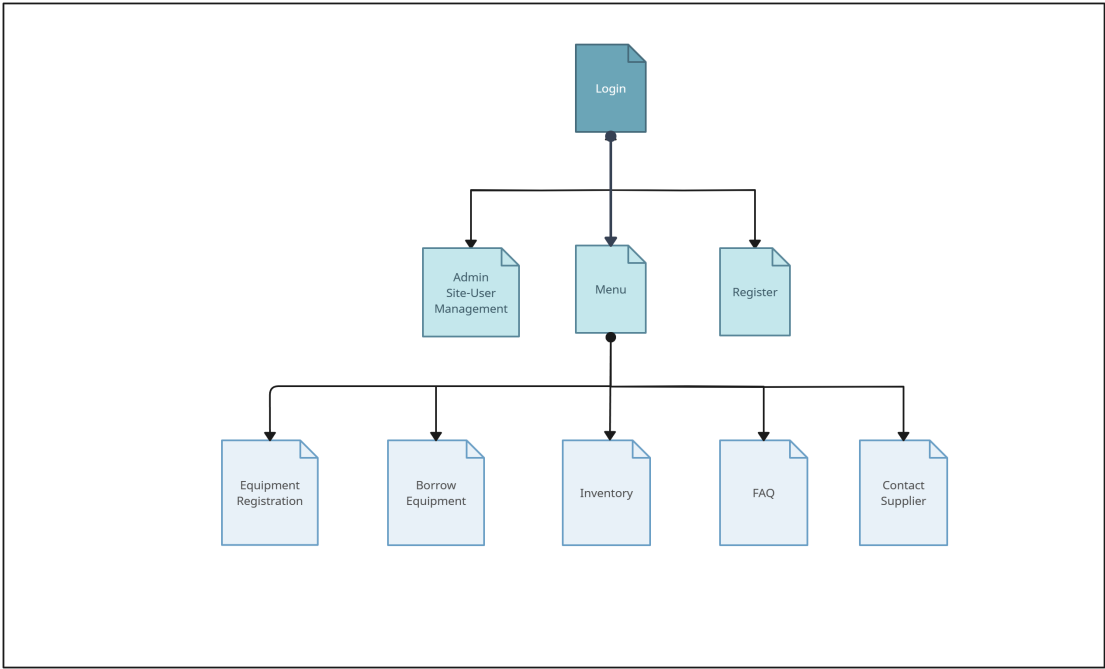


Figure 1: Sitemap School Sport System

2.4 Wireframe

The wireframe shows a login page with a yellow background. At the top, a dark grey header contains the text "Welcome to the Sports Equipment Management System". In the center, a white box with a black border contains the login form. The form has the title "LOGIN" at the top. Below it are two input fields: "USERNAME" and "PASSWORD". Under the password field are two buttons: a green "LOG IN" button and a red "CLEAR" button. Below the buttons is the text "Not registered yet? [Sign up](#)". At the bottom of the white box is the text "ADMIN". At the very bottom of the page, a dark grey footer contains the copyright notice "© 2023 School Sports Equipment Management System".

Figure 2: Login page

The screenshot displays the 'USER REGISTRATION' form within the 'School Sports Equipment Management System'. The form is centered on a bright yellow background. It includes input fields for 'FULL NAME', 'EMAIL', 'USERNAME', 'PASSWORD', and 'CONFIRM PASSWORD'. A green 'REGISTER' button is positioned below the 'CONFIRM PASSWORD' field. At the bottom of the form, there is a link that says 'Already have an account? Log in'. The page is framed by a dark grey header and footer, both containing the text 'School Sports Equipment Management System'.

School Sports Equipment Management System

USER REGISTRATION

FULL NAME

EMAIL

USERNAME

PASSWORD

CONFIRM PASSWORD

REGISTER

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

© 2023 School Sports Equipment Management System

Figure 3: New User Registration page

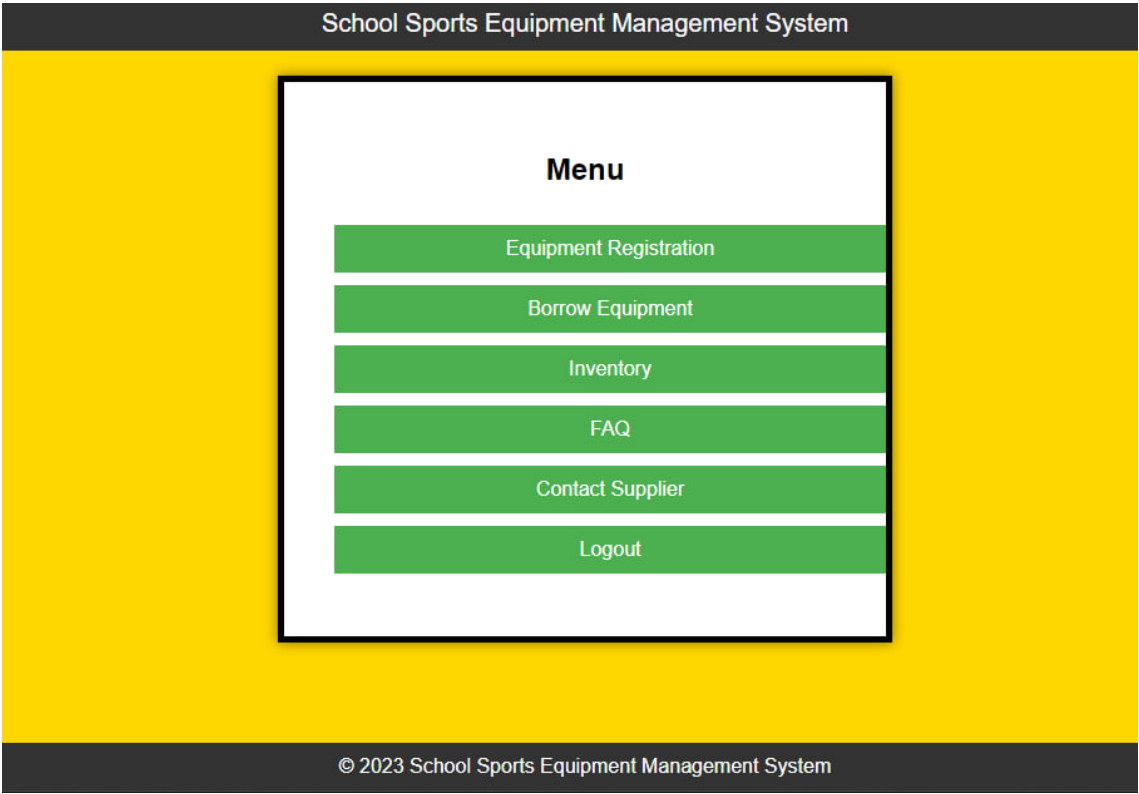


Figure 4: Main Menu

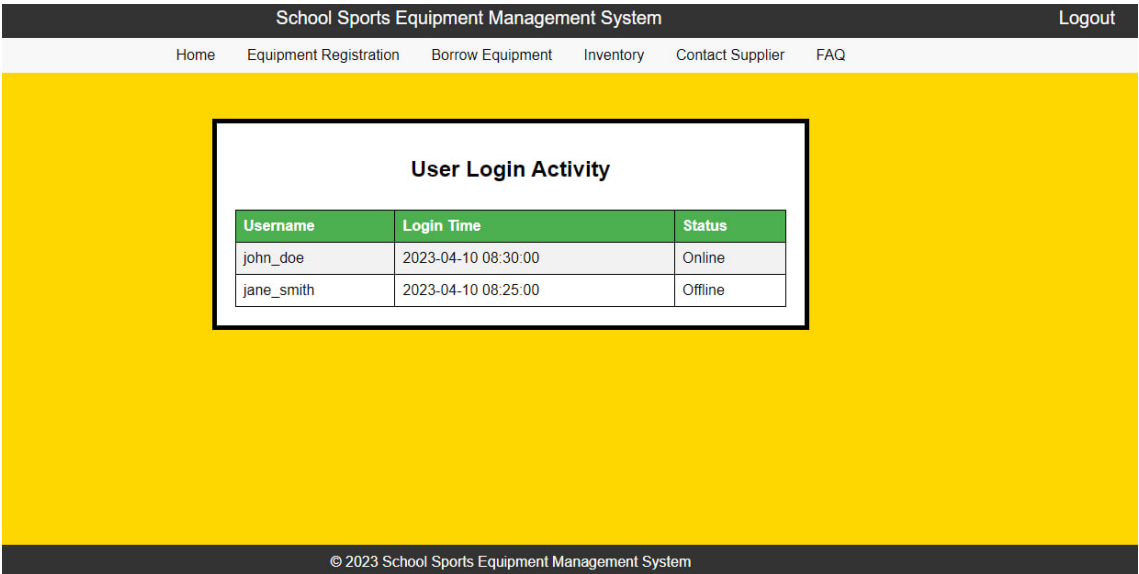


Figure 5: Admin Site

School Sports Equipment Management System

Home

Equipment Registration

Borrow Equipment

Inventory

Contact Supplier

FAQ

Borrow Sports Equipment

Student Name:

Choose equipment to borrow:

Select Equipment

Borrow Date:

dd/mm/yyyy

Borrow Equipment

© 2023 School Sports Equipment Borrowing System

Figure 6: Borrow Equipment Page

School Sports Equipment Management System

Home Equipment Registration Borrow Equipment Inventory Contact Supplier FAQ

Equipment Inventory

Select Category: All Categories ▼

Category	Equipment Name	Quantity Left
Balls	Soccer Balls	10
Balls	Basketballs	8
Net Games	Volleyballs	6
Racquets	Tennis Racquets	4

© 2023 School Sports Equipment Management System

Figure 7: Inventory Page

School Sports Equipment Management System

[Home](#)[Equipment Registration](#)[Borrow Equipment](#)[Inventory](#)[Contact Supplier](#)[FAQ](#)

SPORTS EQUIPMENT
REGISTRATION

EQUIPMENT ID

EQUIPMENT NAME

EQUIPMENT TYPE

QUANTITY

CONDITION

Select Condition

REGISTER

[Forgot Password?](#)

© 2023 School Sports Equipment Management System

Figure 8: Equipment Registration Page

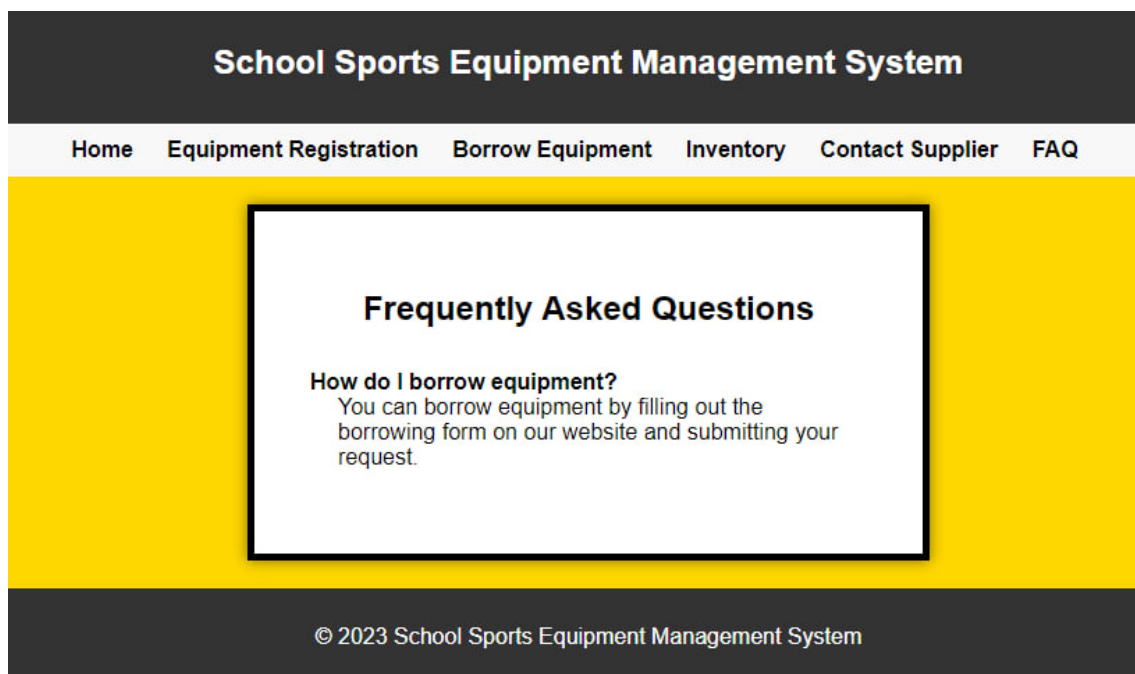


Figure 9: FAQ Page

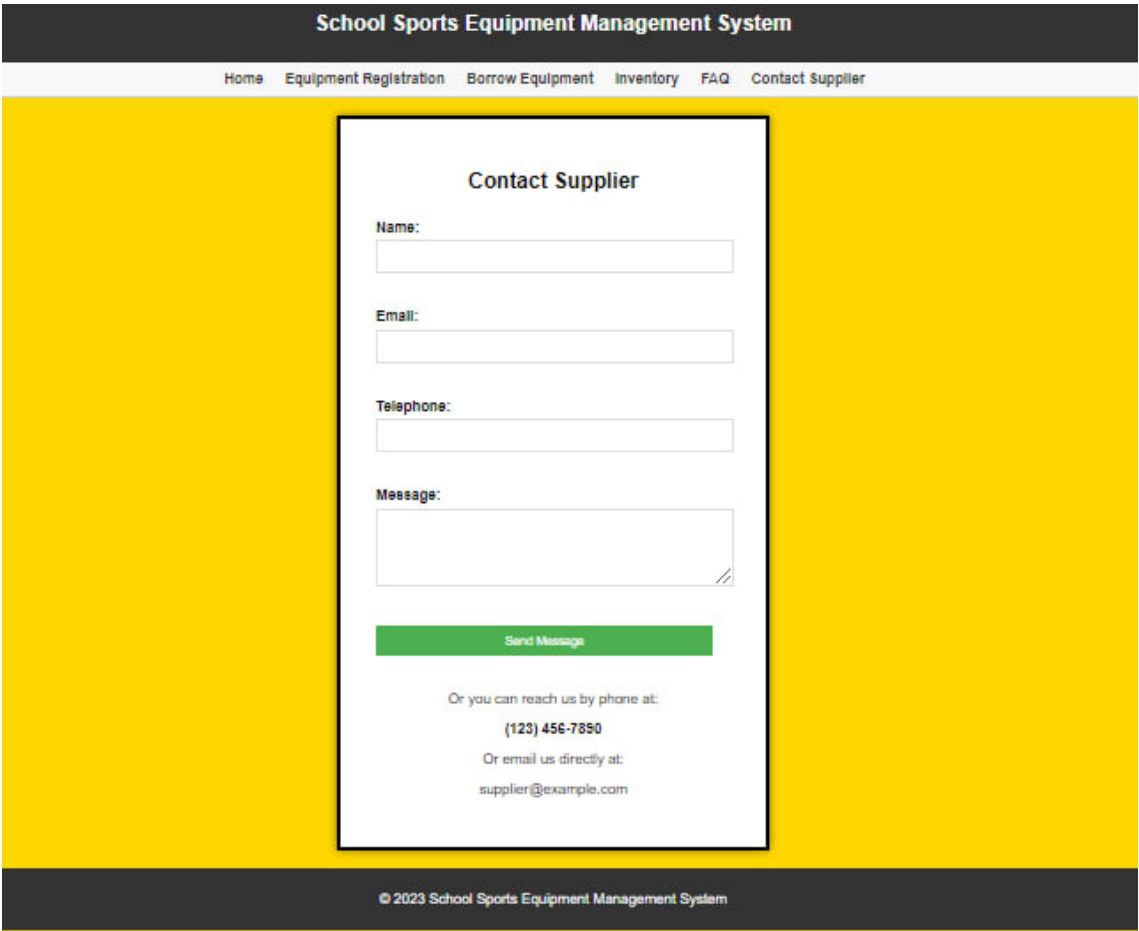
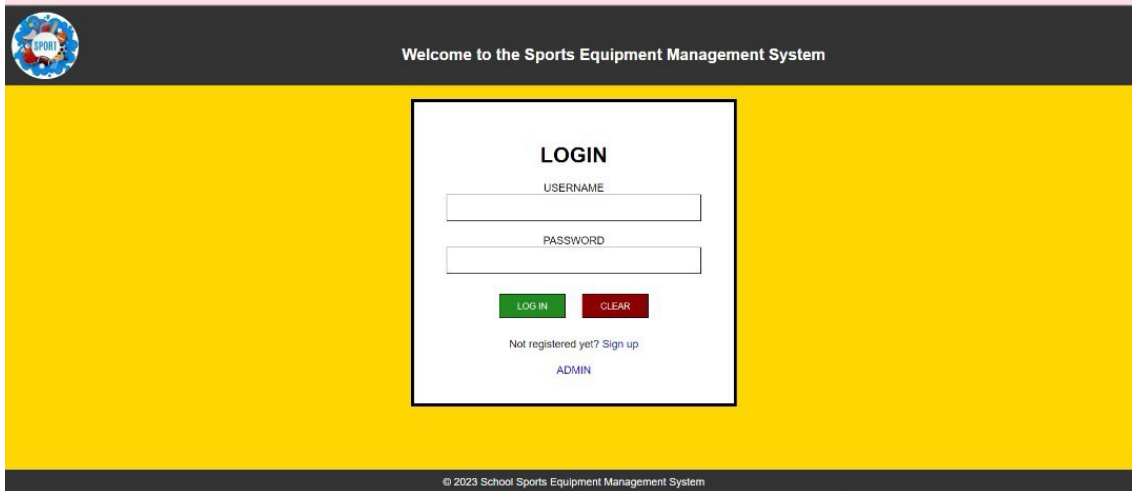


Figure 10: Contact Supplier Page

3 User Interface Design



The screenshot displays the login interface of the Sports Equipment Management System. At the top, a dark header bar contains a circular logo on the left and the text "Welcome to the Sports Equipment Management System" on the right. The main content area has a bright yellow background. In the center, a white rectangular box with a black border contains the login form. The form is titled "LOGIN" in bold. It features two input fields: "USERNAME" and "PASSWORD". Below these fields are two buttons: a green "LOG IN" button and a red "CLEAR" button. At the bottom of the form, there is a link "Not registered yet? Sign up" and an "ADMIN" link. A dark footer bar at the very bottom contains the copyright notice "© 2023 School Sports Equipment Management System".

Figure 11: Login

This is the page where the user need to enter their username and password to access the main menu

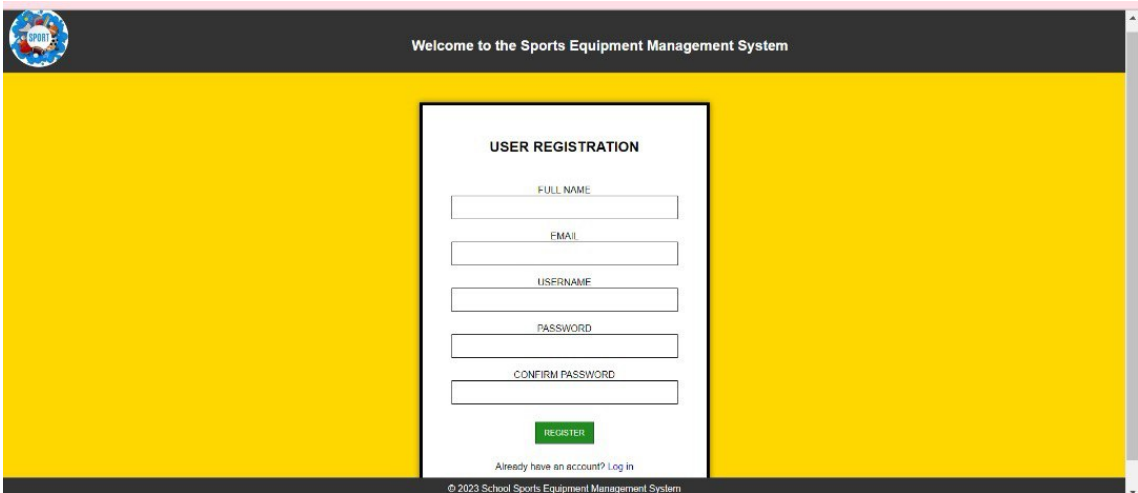


Figure 12: User Registration

This page is for new user to register their informations to create account for them to access the system,make them able to log in



Figure 13: Menu

This page show option of the other pages

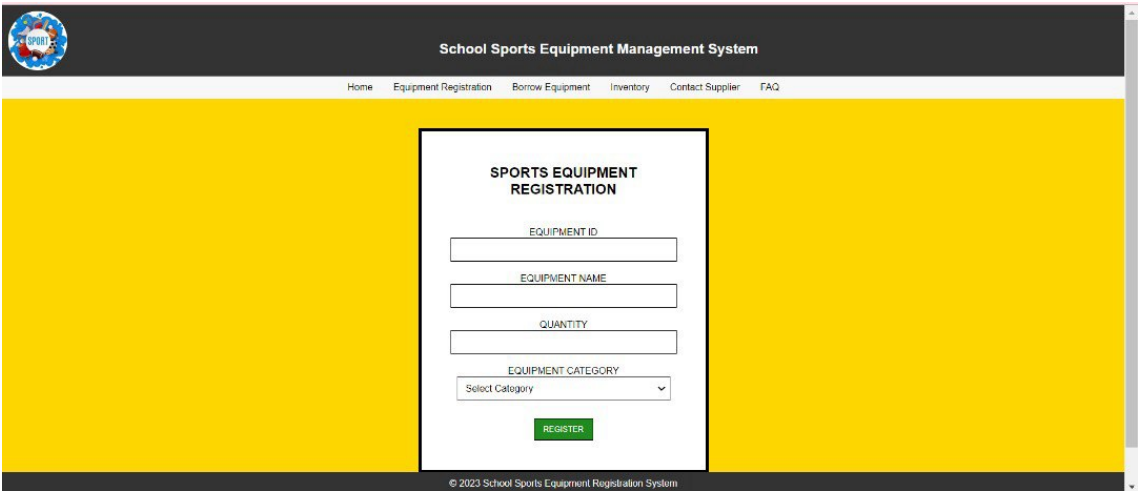


Figure 14: Equipment Registration

This page is for the user to register the new equipments to be registered in the inventory

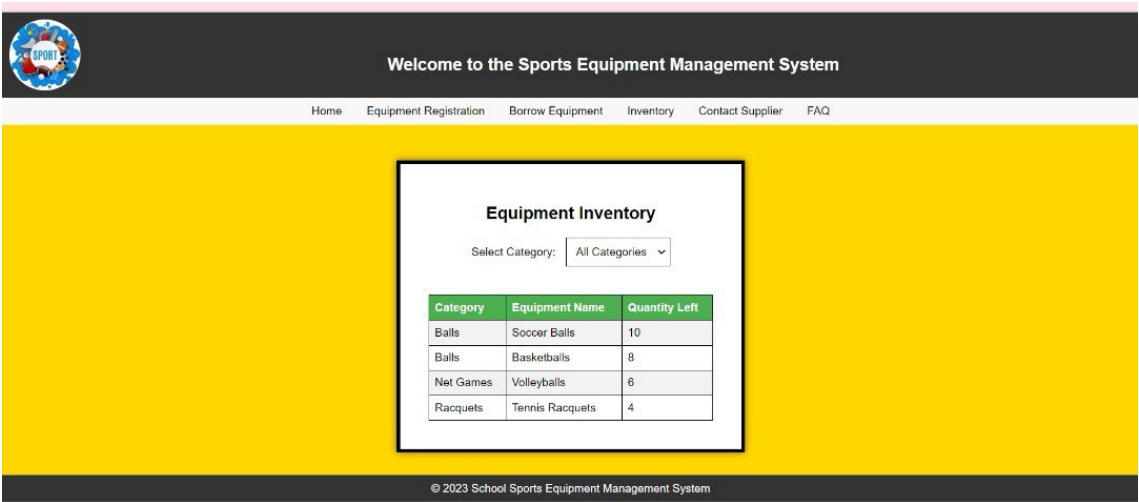
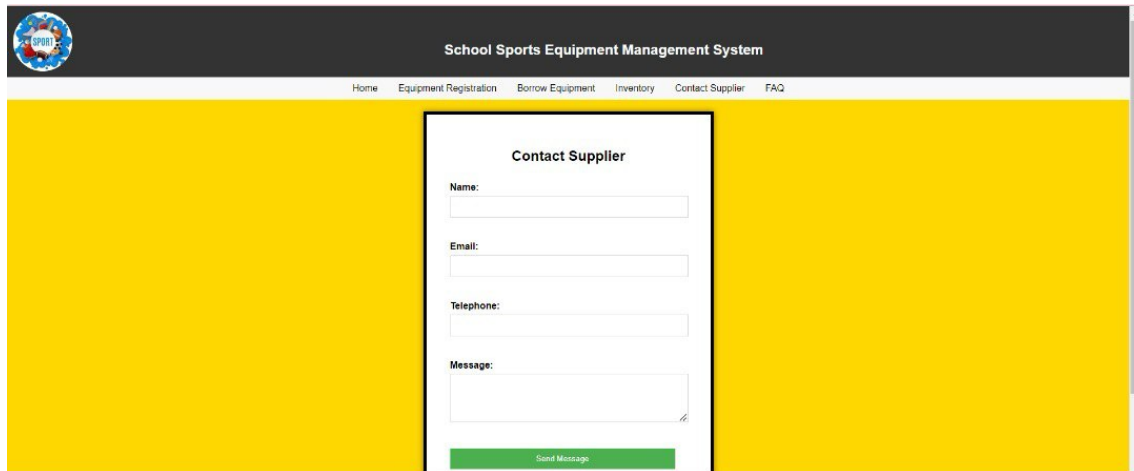


Figure 15: Equipment Inventory

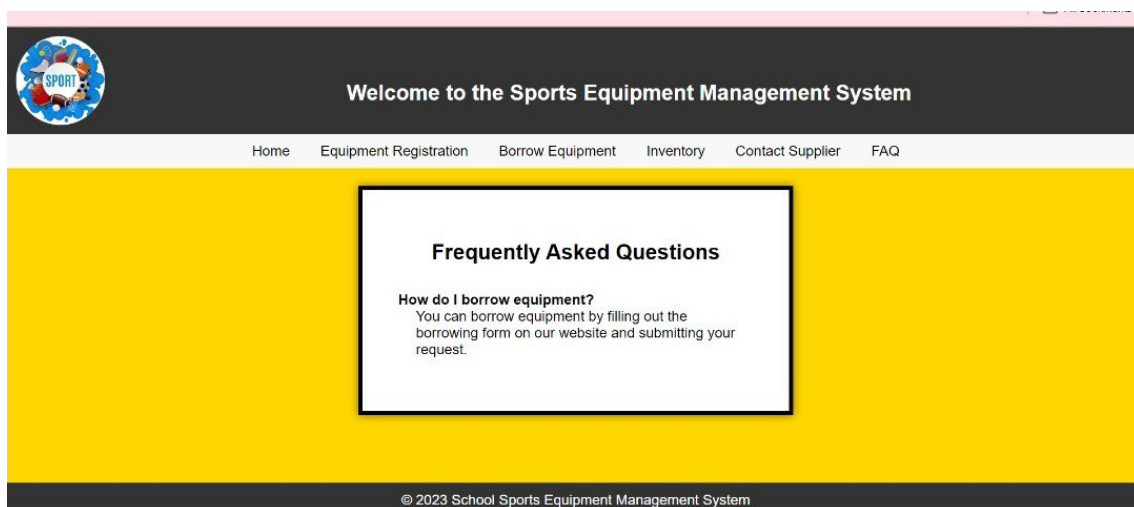
Inventory page display the current available equipments



The screenshot shows the 'Contact Supplier' form within the 'School Sports Equipment Management System'. The form is centered on a yellow background. It includes input fields for 'Name:', 'Email:', 'Telephone:', and 'Message:'. A green 'Send Message' button is at the bottom. The navigation bar at the top includes 'Home', 'Equipment Registration', 'Borrow Equipment', 'Inventory', 'Contact Supplier', and 'FAQ'.

Figure 16: Contact Supplier

This is for user to contact the supplier to order equipments throught this system



The screenshot shows the 'Frequently Asked Questions' page. The header reads 'Welcome to the Sports Equipment Management System'. The navigation bar is the same as in Figure 16. The main content area has a yellow background with a white box containing the title 'Frequently Asked Questions' and the text: 'How do I borrow equipment? You can borrow equipment by filling out the borrowing form on our website and submitting your request.' The footer shows '© 2023 School Sports Equipment Management System'.

Figure 17: FAQ

Frequently Asked Questions(FAQ) page purpose is to help or give information to the user about the system

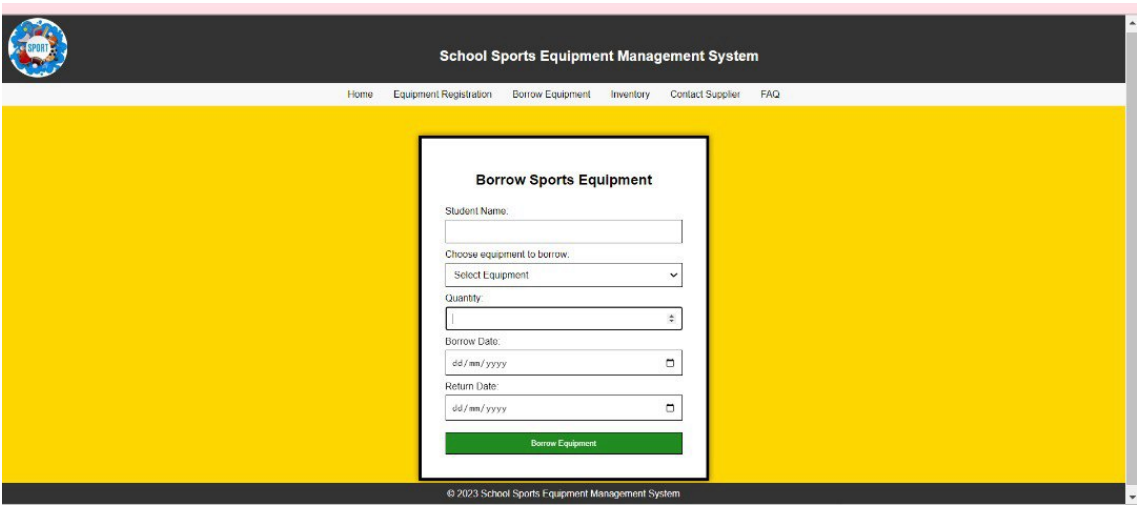


Figure 18: Borrow Sports Equipment
This page allow user to borrow the sports equipment

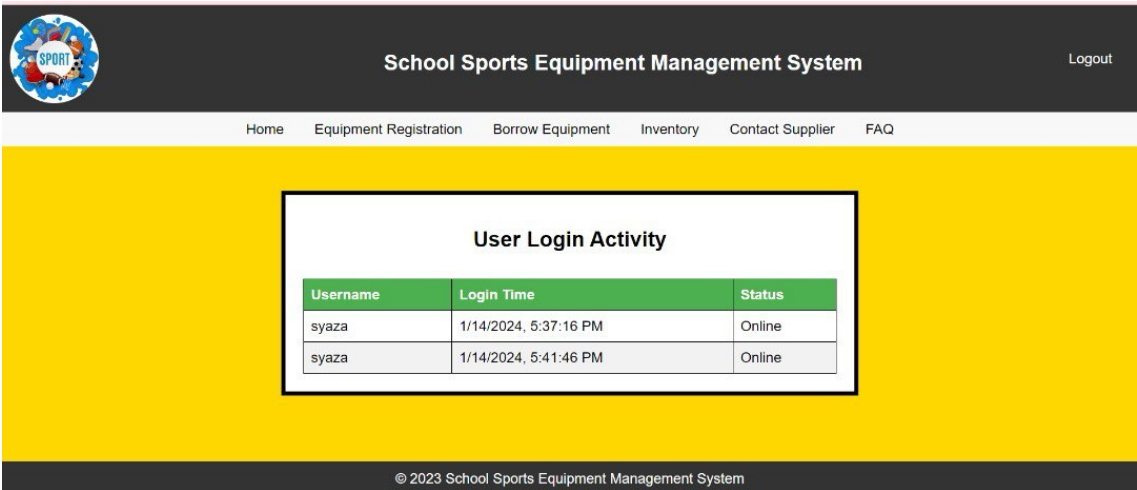


Figure 19: Admin Site Page
A user login activity page is a web page or interface designed to display information about the login activities of a user on a particular platform or application. It typically provides a chronological list or log of the user’s login events, including details such as the date and time of each login

4 Conclusion

The School Sports Equipment Systems website helps schools better handle their sports equipments, gears or things. It has a big list of all the sports stuff, lots of details about each thing, tools to keep track of what's there, and a way to order online. It's made for PE teachers, students, and the people who take care of the sports equipments. The website wants to make gear management easy and gather info quickly. It also deals with problems like having the same info in different places. The site is designed to be simple and easy to use, with things like lists, user logins, a search bar, alerts, reports, logs, and forms for help. Other websites on the internet that do similar things are about managing equipment and sports places.

In conclusion, the School Sports Equipment Systems website is designed to make it easier for schools to manage their sports equipment. It helps by giving a simple and user-friendly way to organize, track, and order equipment. The goal is to make things simpler, avoid data problems, and assist in coordinating sports activities at schools. The different pages, starting from logging in to checking equipment and talking to suppliers, all work together to create a solution that's easy to use for the people it's meant for.

5 APPENDIX

5.1 Roles and Responsibilities

Matric No	Name	Roles and Responsibility
S65941	MUHAMAD IKHWAN HAIKAL BIN MUHAMAD RIZAL	I. Introduction(Opportunity,Problem,and Issues, Similar Sites) II. Conclusion III. Wireframe and UI design(Login, New User registration, Main Menu, Admin Site) IV. Coding of Login, New User registration, Main Menu, Admin Site
S66642	NUR SYAZA BINTI SUDIN	I. Introduction(Intended Audience, Content) II. Site Map III. Appendix IV. Coding of Borrow Equipment, Inventory, Equipment Registration, FAQ, Contact Supplier
S65516	NUR KHAIRUNNISA BT KHAIRUDIN	I. Introduction(Purpose, Goal) II. Planning part III. Wireframe and UI design(Borrow Equipment, Inventory, Equipment Registration, FAQ, Contact Supplier) IV. Table of content