



**COLLEGE OF COMPUTING, INFORMATICS &
MATHEMATICS**

**BACHELOR OF INFORMATION SYSTEMS (HONORS)
INFORMATION SYSTEMS ENGINEERING
(CDCS266)**

ENTERPRISE PROGRAMMING (CSC584)

GROUP PROJECT

GYM MANAGEMENT SYSTEM

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1.0 PROJECT OVERVIEW

The Gym Management System is an online platform designed exclusively for administrators to efficiently manage gym memberships. The system allows admins to register new members, capturing details such as full name, date of birth, address, country, and postcode, and sign them up for various types of memberships. Admins can manage membership types, durations, and pricing, and each membership includes a unique membership number, and an expiry date based on gym rules. The system provides detailed membership descriptions and user-friendly forms to guide admins through the registration process.

Additionally, admins can edit member details like username, email, and password. The system notifies admins of upcoming membership expiries, allowing them to renew memberships by updating the renewal date and price. This ensures that memberships are kept up to date and that members can continue to enjoy gym services without interruption.

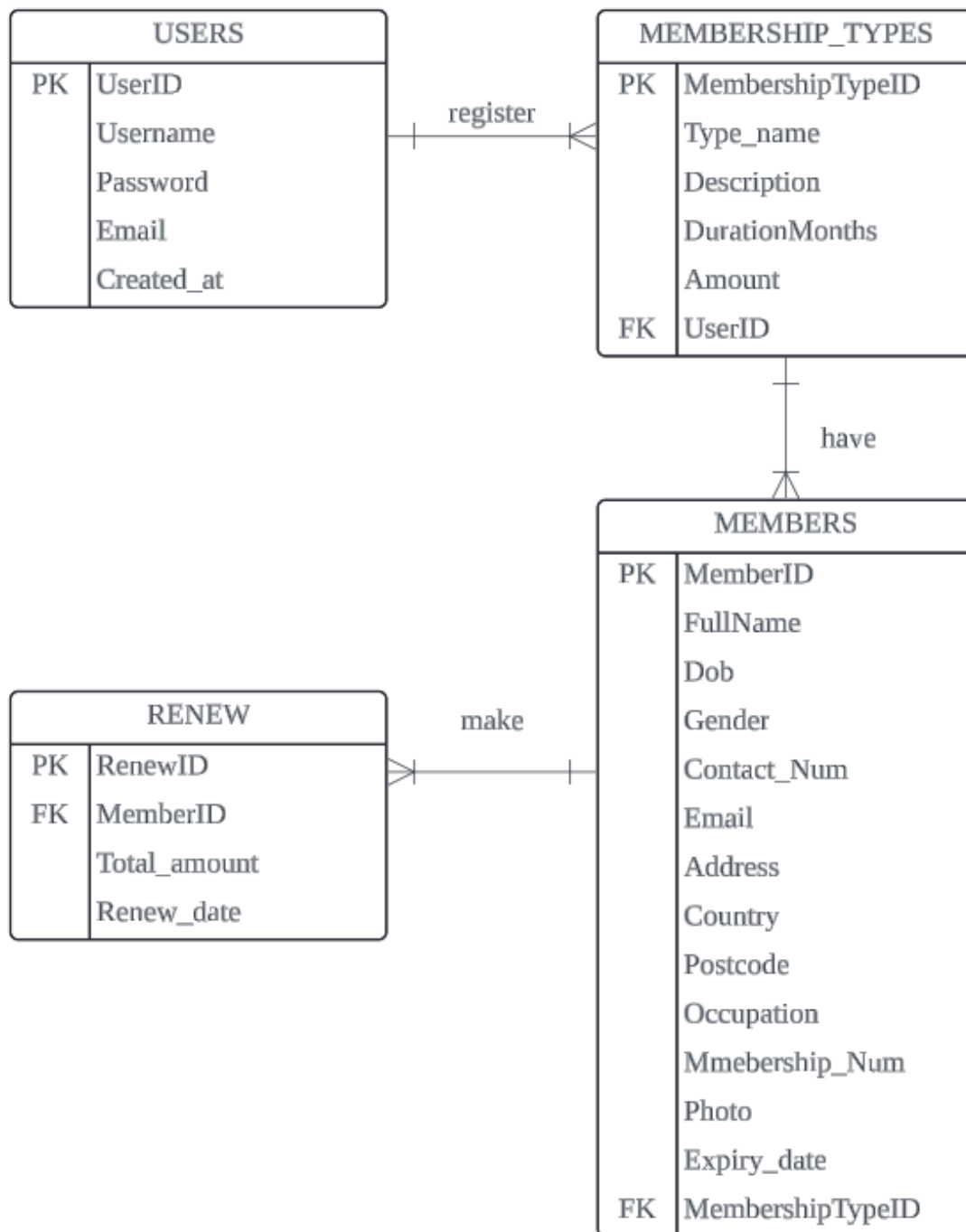
The platform includes a comprehensive navigation menu for ease of use, allowing admins to quickly access different features of the system. Admins can securely log out to end their session, ensuring the security of the system. By integrating these features, the Gym Management System aims to streamline the membership management process, ensuring efficient operations and member satisfaction.

2.0 OBJECTIVE

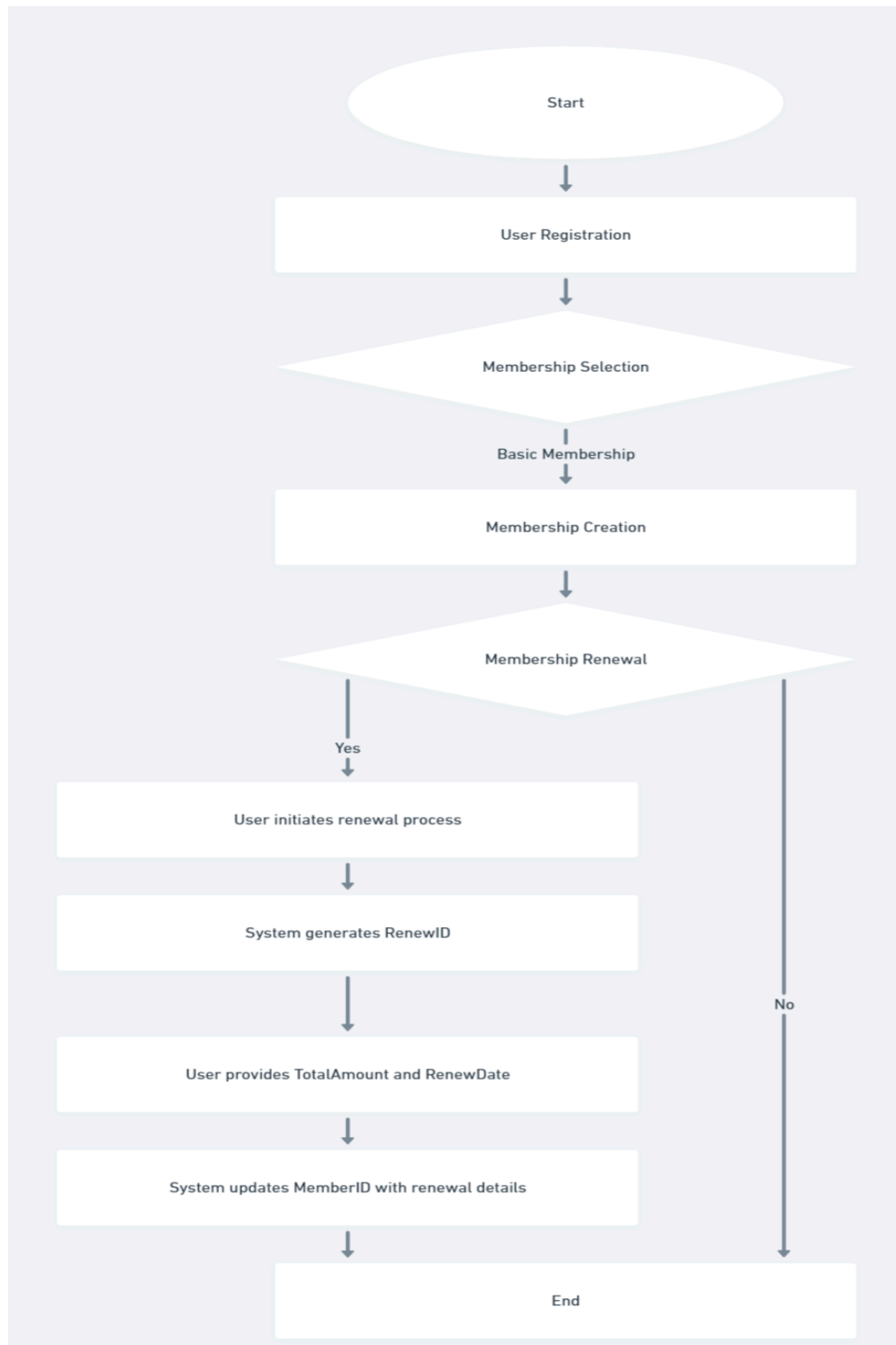
The Gym Management System's objectives are to:

- **Streamline Member Registration:** Provide a user-friendly platform for administrators to efficiently register new members, capturing all necessary personal details.
- **Efficient Membership Management:** Allow admins to manage different membership types, durations, and pricing, ensuring accurate and comprehensive membership records.
- **Facilitate Membership Renewal:** Notify admins of upcoming membership expiries and streamline the renewal process to ensure memberships are updated promptly.
- **Enhance Data Accuracy:** Ensure all member information, including personal details and membership status, is accurate and up-to-date.
- **Improve Administrative Efficiency:** Offer intuitive forms, detailed membership descriptions, and easy navigation to help administrators perform their tasks efficiently.

3.0 ERD



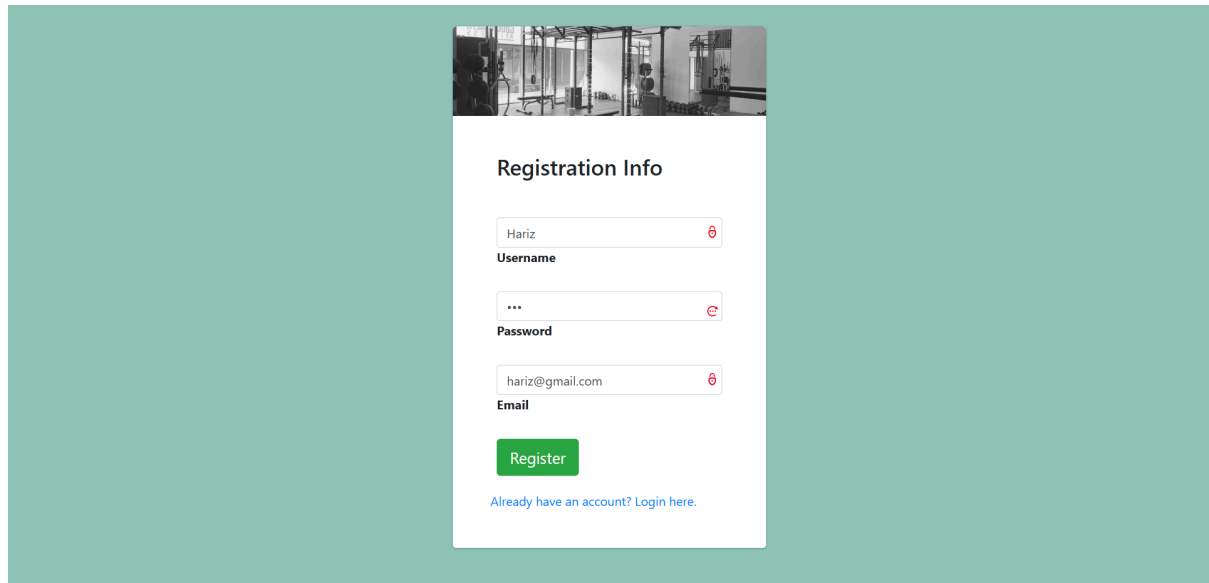
4.0 FLOWCHART



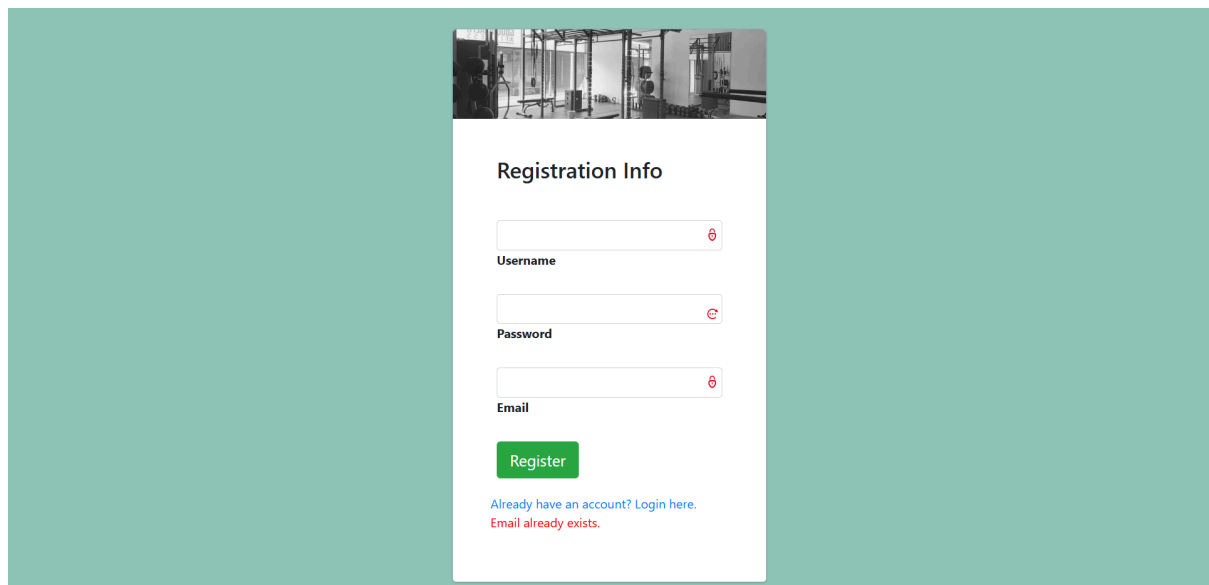
5.0 USER MANUAL GYM MANAGEMENT SYSTEM

Index Page (REFERENCE, NANTI TUKAR SS SYSTEM SENDIRI)

Signup Page



The screenshot shows a web page with a teal background. At the top, there is a header image of a gym interior. Below the header, the title "Registration Info" is displayed. The form contains three input fields: "Username" with the value "Hariz", "Password" with the value "...", and "Email" with the value "hariz@gmail.com". Each field has a red eye icon to its right. Below the fields is a green "Register" button. At the bottom, there is a link that says "Already have an account? Login here."



The screenshot shows the same web page as above, but the input fields are now empty. The "Email" field has a red error message "Email already exists." below it. The "Register" button and the "Already have an account? Login here." link are still present.

Membership Management System

Log in to start your session

hariz  

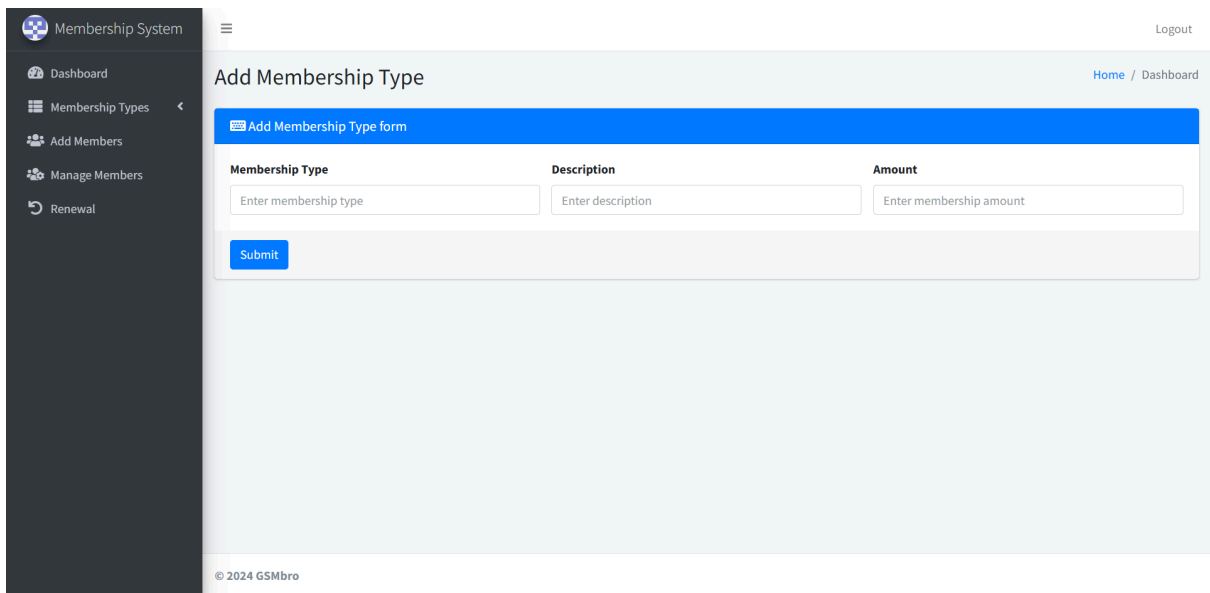
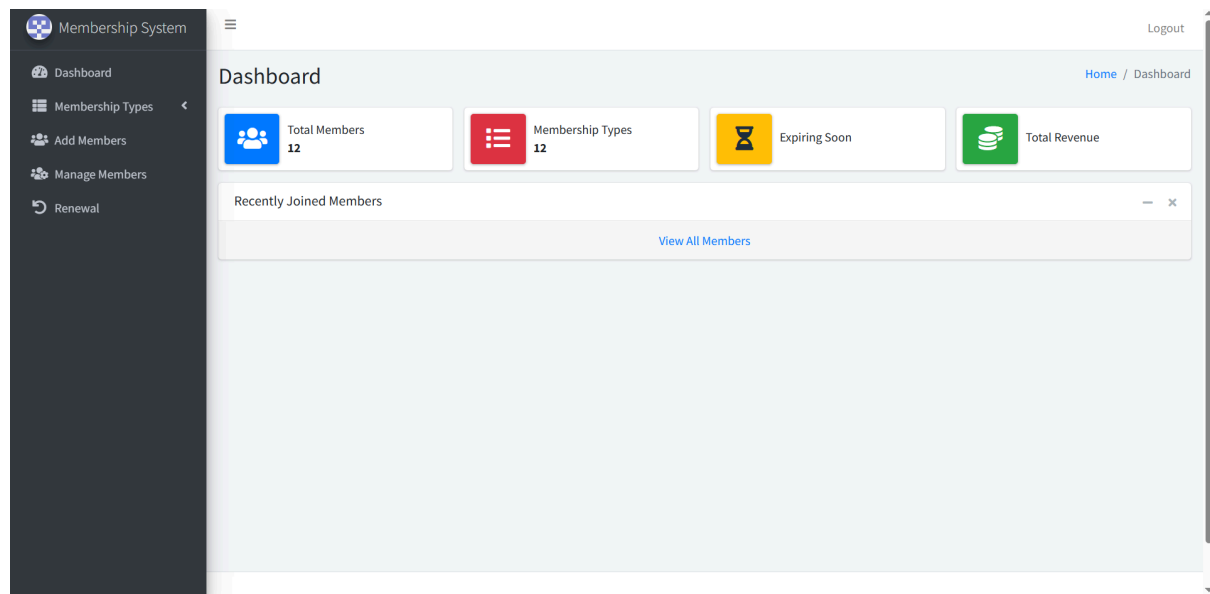
...  

☒ Remember Me

Log In

[Register here.](#)

Admin Login Page



Membership System

Dashboard

Membership Types

Add Members

Manage Members

Renewal

Membership Types DataTable

Show 10 entries

Search:

#	Type	Amount	Actions
1	test2	RM 6.0	Edit
2	wdds	RM 22.0	Edit
3	sdfsd	RM 123.0	Edit
4	pre	RM 75.0	Edit
5	basic	RM 50.0	Edit
6	test	RM 232.0	Edit

Showing 1 to 6 of 6 entries

[Previous](#) [1](#) [Next](#)

Membership System

Dashboard

Membership Types

Add Members

Manage Members

Renewal

Add Members

Add Members Form

Full Name

Enter full name

Date of Birth

dd/mm/yyyy

Gender

Male

Contact Number

Email

Enter email

Address

Enter address

Country

Enter country

Postcode

Enter postcode

Occupation

Enter occupation

Membership Type

test2

Submit

localhost:8080/gym/add_members.jsp

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Version 1.0

Membership System

Dashboard

Membership Types

Add Members

Manage Members

Renewal

Home


Manage Members

Members DataTable

Show 10 entries

Search:

#	Fullname	Contact	Email	Type	Status	Actions
36	Melinda Lawrence	838	cypcajo@mailinator.com	pre	Active	Edit Delete
37	Faith Bender	572	byjilon@mailinator.com	basic	Active	Edit Delete
38	Quon Whitehead	486	palabyhy@mailinator.com	test2	Active	Edit Delete
40	Ariel Valenzuela	180	xubi@mailinator.com	pre	Active	Edit Delete
41	Aladdin Gomez	224	siwypazoku@mailinator.com	sdfsd	Active	Edit Delete
42	Yvette May	585	cibytopyj@mailinator.com	sdfsd	Active	Edit Delete

 Membership System

Dashboard

Membership Types

Add Members

Manage Members

Renewal

Home

Manage Membership Renewals

Membership Renewal DataTable

Show

10

Search:

entries

#	Fullname	Contact	Email	Type	Expiry Date	Actions
36	Melinda Lawrence	838	cypcajo@mailinator.com	pre	2024-08-21	<div>Renew</div>
37	Faith Bender	572	byjilon@mailinator.com	basic	2024-08-22	<div>Renew</div>
38	Quon Whitehead	486	palabyhy@mailinator.com	test2	2024-08-22	<div>Renew</div>
40	Ariel Valenzuela	180	xubi@mailinator.com	pre	N/A	<div>Renew</div>
41	Aladdin Gomez	224	siwypazoku@mailinator.com	sdfsd	N/A	<div>Renew</div>
42	Yvette May	585	cibytopojy@mailinator.com	sdfsd	N/A	<div>Renew</div>