

DIPLOMA IN INFORMATION TECHNOLOGY

COURSEWORK

Subject: Web Development
Subject code: DIT2153

Deadline: Week 10

NAME	STUDENT ID
TEOH YAN YING	23097835
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CHONG WEN HUI	23096183
JARETT LIN WEI HERNG	23056500

SDS ACADEMIC INTEGRITY STATEMENT

Sunway Diploma Studies is committed to the principles of academic integrity. Academic integrity means placing five fundamental values: **honesty, trust, fairness, respect, and responsibility** into practice. It is being honest in the academic work you do at the programme/college, being fair to others, and taking responsibility for learning, and acting in an ethical manner in all your academic endeavours. We believe that these five values are truly foundational to the programme.

We hereby declare that:






1. We fully understand and will uphold the academic integrity of Sunway Diploma Studies (SDS).
2. We confirm that the work hereby submitted is our own original work and where other people's work has been used this has been fully acknowledged.
3. We are aware of the importance of conducting exams with integrity and fairness, and We hereby confirm that We will comply with the requirements.
4. We are aware that non-compliance with these instructions and unfair conduct constitute a disciplinary offense, and actions will be taken including but not limited to being expelled.

No	Name	Signature	Date
1	TEOH YAN YING		29/10/2024
2	LIM XIN JIE		29/10/2024
3	ESTHER CHAN LEE HSUEN		29/10/2024
4	CHONG WEN HUI		29/10/2024
5	JARETT LIN WEI HERNG		29/10/2024

Group Member Contributions

INSTRUCTIONS

The contributions must be signed by all members, failing to comply will result in the deduction of 3 marks from the total marks.

Student Name	Student ID	Signature	Role & Responsibilities (e.g. create login function, compile report etc)
TEOH YAN YING	23097835		-Body Weight -Exercise Routine -Compile Report
LIM XIN JIE	23042682		-Registration & Login -Water Consumption
ESTHER CHAN LEE HSUEN	23033087		-Admin Feature -Admin Home Page
CHONG WEN HUI	23096183		-Customer Home Page -Additional Feature: Subscribe Fitness Class & Payment
JARETT LIN WEI HERNG	23056500		-Booking consultation with nutritionist -Additional Feature: Payment for consultation

List of Features

1. User Registration & Login:

- Users can create an account after validation, log in or reset password if required.
- Users log in via email on the same login page, system will identify whether it belongs to a customer or admin and show respective view.

2. Home Page:

- Users can view personalized progress charts to track fitness achievements.
- Users can view the consultant profiles to book consultation with their preferred expert.

3. Sign Up for fitness class member:

- Users can view the details of fitness classes and sign up as a fitness class member.

4. Track Body Weight:

- Users can search for, view, add, edit, and delete their body weight record.
- Users receive success or error messages for 3 seconds after performing actions like adding, updating, or deleting records.

5. Record Exercise Routine:

- Users can add and modify their exercise record by specifying the category, duration, and date. Users can also delete any unwanted or outdated exercise records.
- Users can search for exercise routines by category, specific dates and time periods (last week or last month).

6. Track Water Consumption:

- Users can select dates using date picker, time, and water intake using radio buttons to add and modify water consumption record.
- Current date and time will be shown by default, and records are arranged from latest to oldest to reduce the hassle for users to key in or browse past records.

7. Request to meet nutritionist:

- Users can book consultation with a nutritionist by selecting their preferred nutritionist, date, and time. They can also leave a remark regarding their consultation.
- The status of the request will be displayed in the booking table once the admin confirms both the user's payment status and nutritionist's schedule.

8. Payment for consult nutritionist:

- Users can pay for the consultation session by entering credit card details. Payment successful message will be shown after completed payment.

9. Admin Feature:

- Admins can view, search, add, update, and delete user requests for consultation and fitness class members. Request rows turn red after the consultation is done.
- Admins can view their own profile.

Screenshots of the application

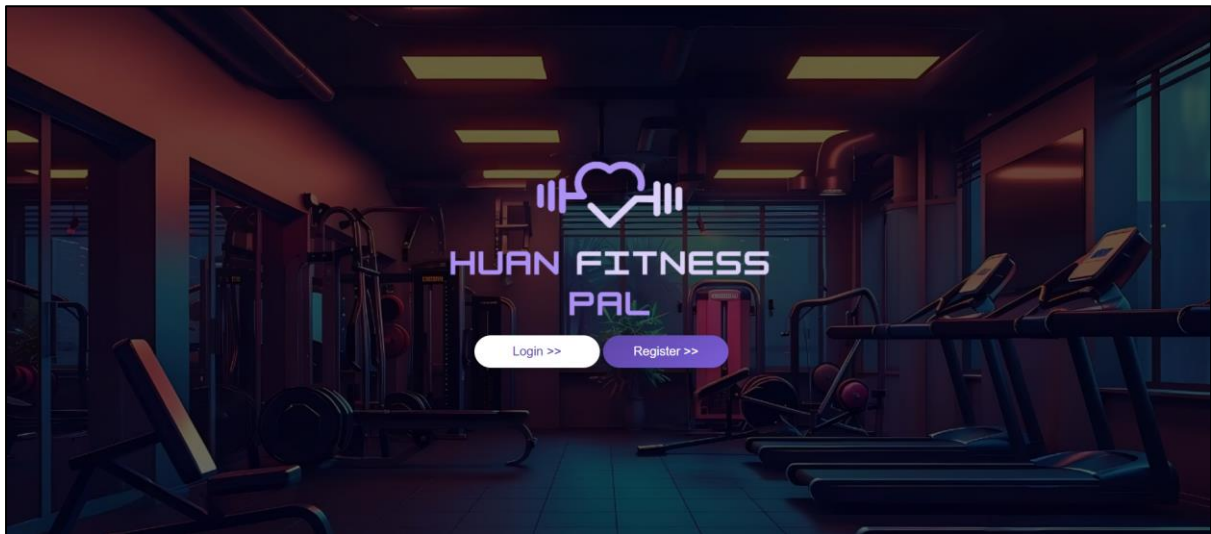


Figure 1: Login-Register Page

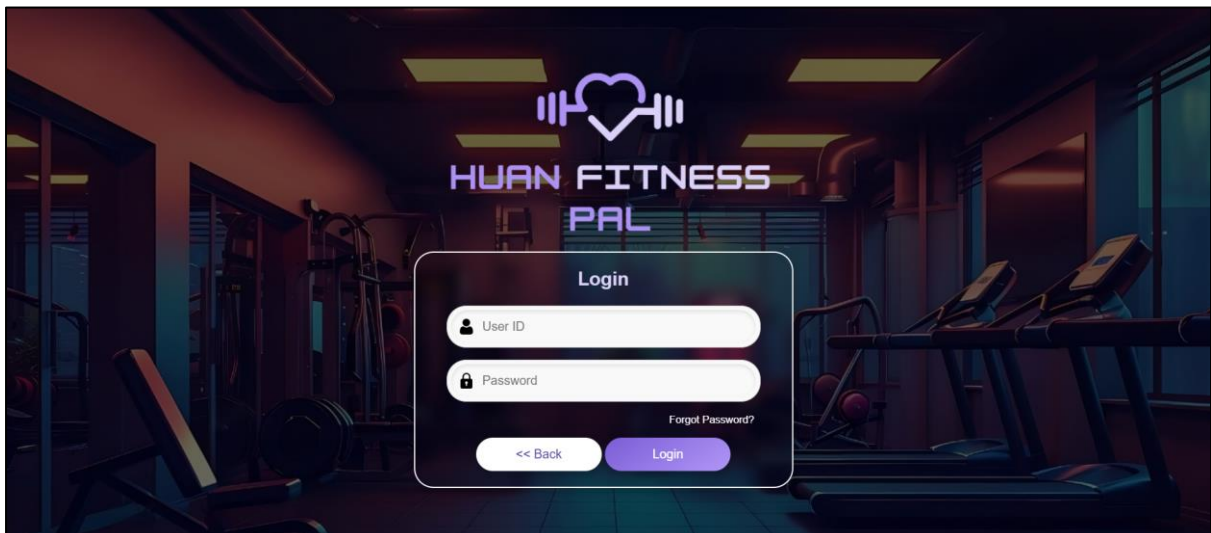


Figure 2: Login Page

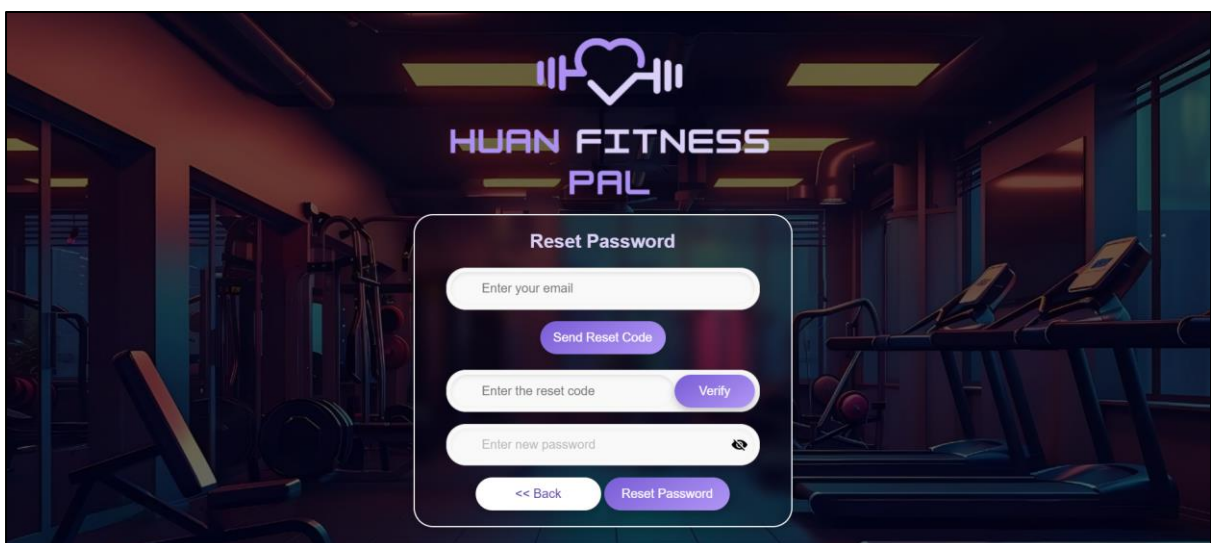


Figure 3: Customer Reset Password Page

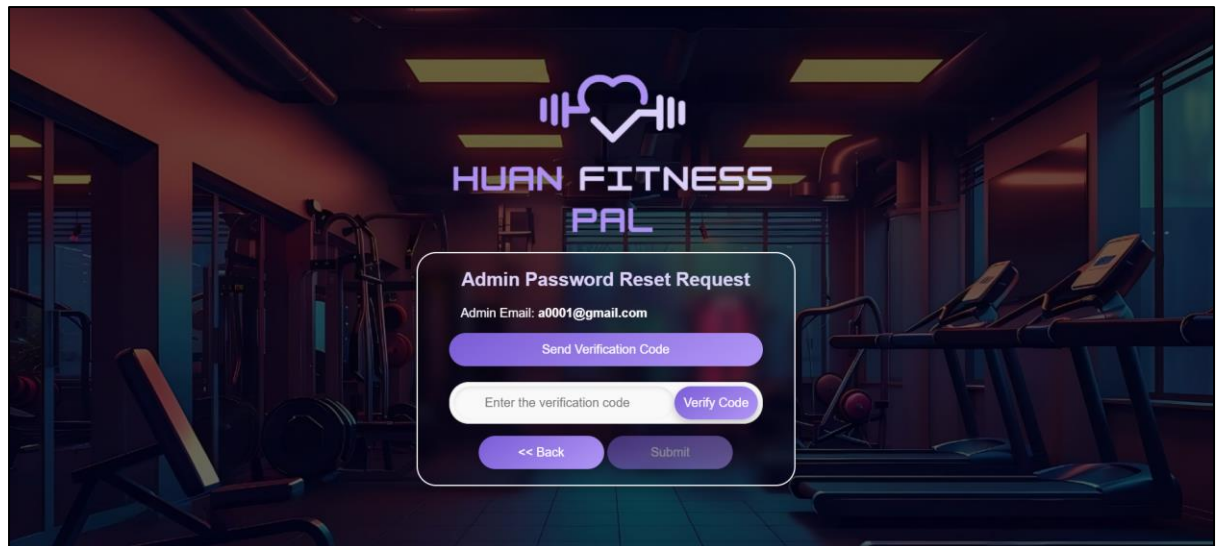


Figure 4: Admin Reset Password Page

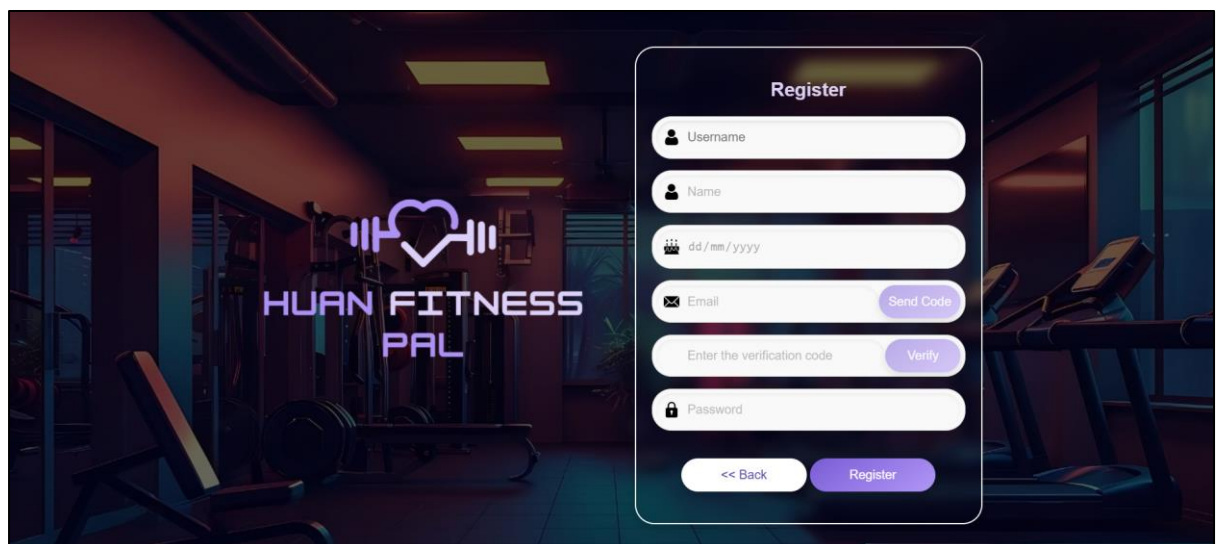


Figure 5: Register Page

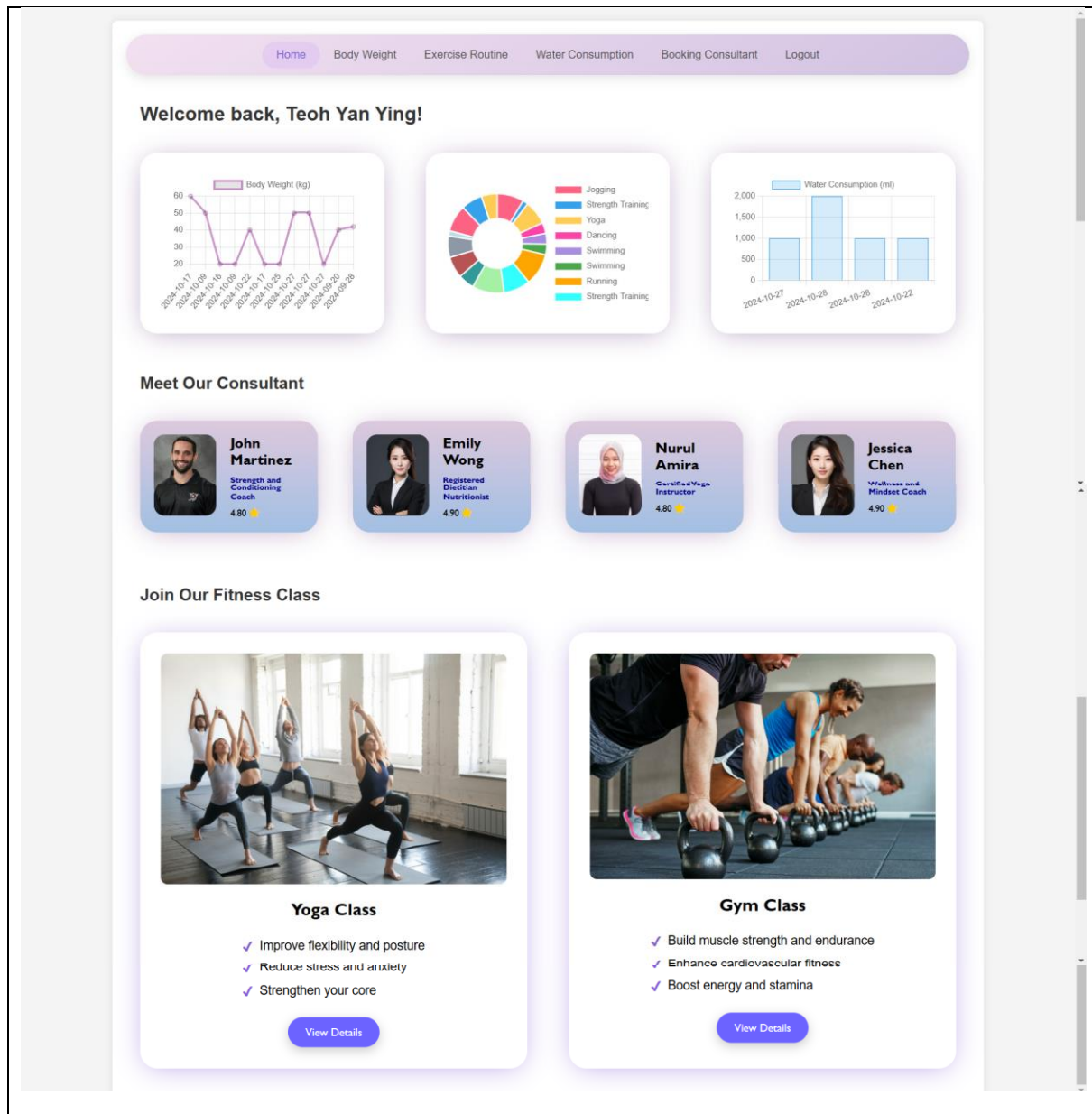


Figure 6: Customer Home Page

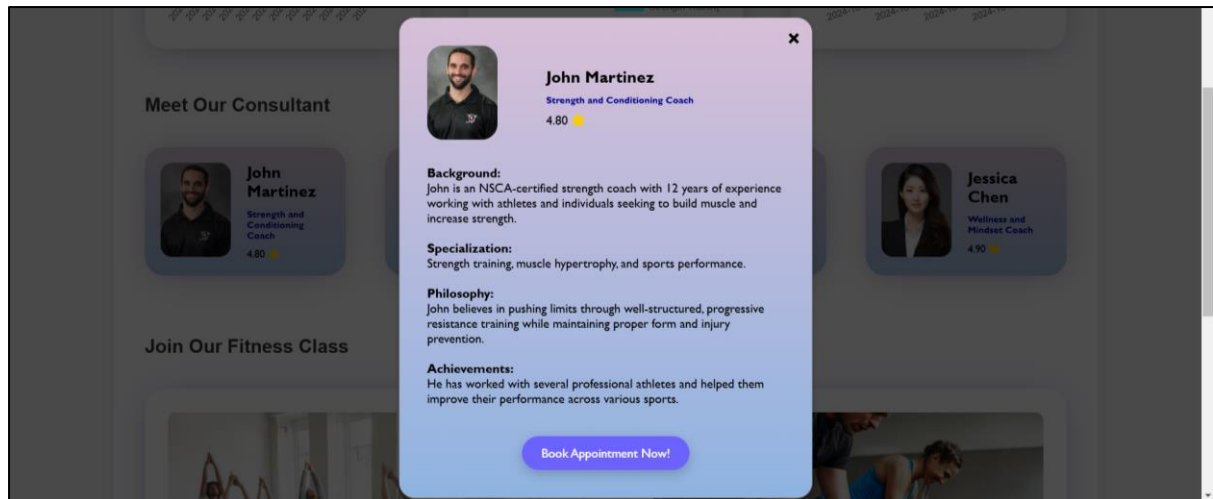


Figure 7: View Consultant Profile

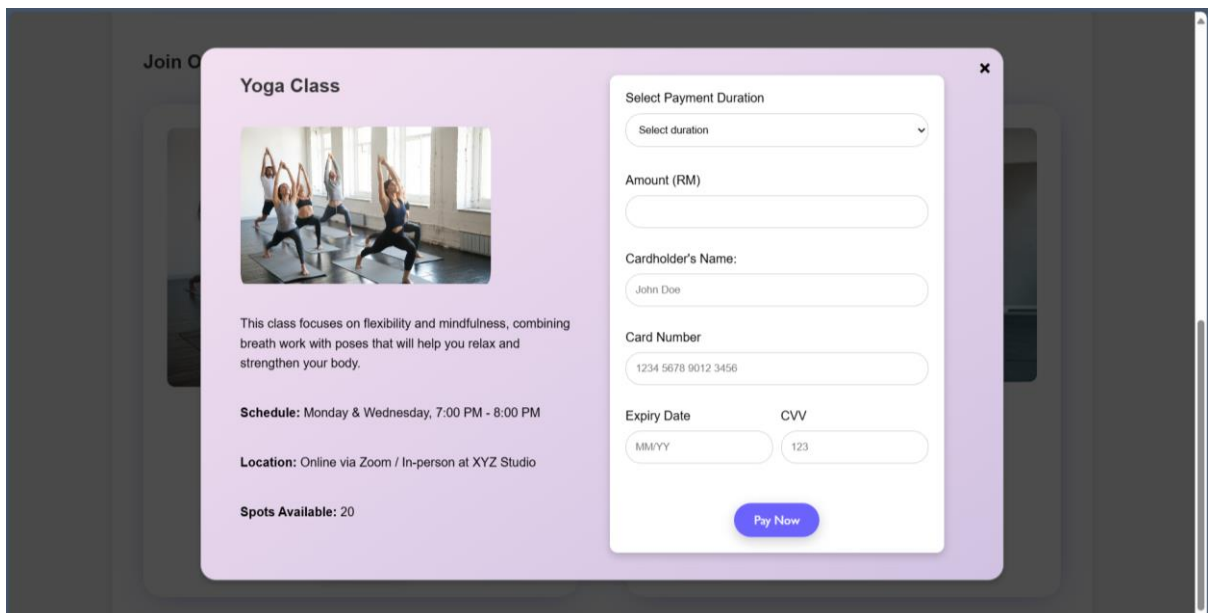


Figure 8: Payment for joining fitness class

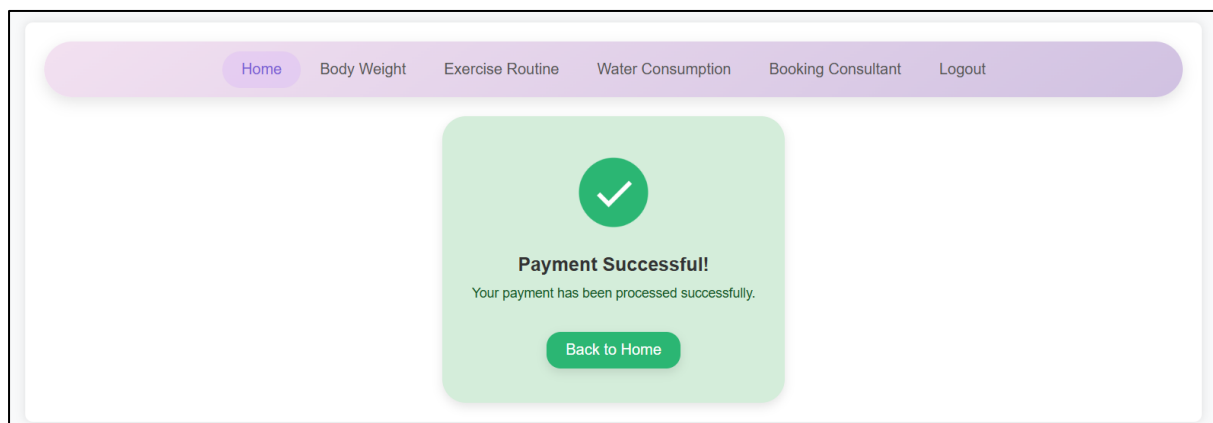


Figure 9: Payment successful message for join class

[Home](#)[Body Weight](#)[Exercise Routine](#)[Water Consumption](#)[Booking Consultant](#)[Logout](#)

Body Weight Tracker

Date:
30 / 10 / 2024

Time:
05 : 12 PM

Weight (KG):

Add Weight Record

Your Weight Records

ResetSearch

Date	Time	Weight (kg)	Action
2024-10-27	18:13:00	20.00	<button>Update</button> <button>Delete</button>
2024-10-27	18:04:00	50.00	<button>Update</button> <button>Delete</button>
2024-10-27	03:00:00	50.00	<button>Update</button> <button>Delete</button>
2024-10-25	12:00:00	20.00	<button>Update</button> <button>Delete</button>
2024-10-22	10:00:00	40.00	<button>Update</button> <button>Delete</button>
2024-10-17	09:00:00	60.00	<button>Update</button> <button>Delete</button>
2024-10-16	00:03:00	20.00	<button>Update</button> <button>Delete</button>
2024-10-09	04:00:00	20.00	<button>Update</button> <button>Delete</button>
2024-10-09	02:00:00	50.00	<button>Update</button> <button>Delete</button>
2024-09-28	00:59:00	42.00	<button>Update</button> <button>Delete</button>

Figure 10: Body Weight Tracker Page

Search Weight Records

Search by:
Last Week

Search

ResetSearch

Your Weight Records

Date	Time	Weight (kg)	Action
2024-10-25	12:00:00	20.00	<button>Update</button> <button>Delete</button>
2024-10-22	10:00:00	40.00	<button>Update</button> <button>Delete</button>

Figure 11: Search Weight Records by last week

[Home](#)
[Body Weight](#)
[Exercise Routine](#)
[Water Consumption](#)
[Booking Consultant](#)
[Logout](#)

Exercise Routine

Date:

30/10/2024

Duration (Minute):

☐ 10
 ☐ 20
 ☐ 30
 ☐ 40
 ☐ 50
 ☐ 60
 ☐ Custom

Select Category:

Running

Add Exercise Record

Your Exercise Routines

Reset

Search

Date	Duration (minutes)	Exercise	Action
2024-10-31	50	Strength Training	<div>Update</div> <div>Delete</div>
2024-10-31	20	Swimming	<div>Update</div> <div>Delete</div>
2024-10-30	60	Pilates	<div>Update</div> <div>Delete</div>
2024-10-28	50	Swimming	<div>Update</div> <div>Delete</div>
2024-10-27	30	Running	<div>Update</div> <div>Delete</div>
2024-10-27	10	Running	<div>Update</div> <div>Delete</div>
2024-10-27	40	Strength Training	<div>Update</div> <div>Delete</div>
2024-10-26	20	Dancing	<div>Update</div> <div>Delete</div>
2024-10-26	45	Yoga	<div>Update</div> <div>Delete</div>
2024-10-17	60	Running	<div>Update</div> <div>Delete</div>

Figure 12: Exercise Routine Page

Search Exercise Records

Search by:

Running

Search

Your Exercise Routines

Reset

Search

Date	Duration (minutes)	Exercise	Action
2024-10-27	30	Running	<div>Update</div> <div>Delete</div>
2024-10-27	10	Running	<div>Update</div> <div>Delete</div>
2024-10-17	60	Running	<div>Update</div> <div>Delete</div>
2024-09-19	40	Running	<div>Update</div> <div>Delete</div>

Figure 13: Search Exercise Records by Category

[Home](#) [Body Weight](#) [Exercise Routine](#) [Water Consumption](#) [Booking Consultant](#) [Logout](#)

Water Consumption Tracker

Date:

Time:

Water Intake (mℓ):
☐ 500 ☐ 1000 ☐ 1500 ☐ 2000 ☐ 2500 ☐ 3000 ☐ Custom:

Add Water Consumption

Your Water Consumption Records

[Reset](#) [Search](#)

Drinking Date	Drinking Time	Water Intake (mℓ)	Actions
2024-10-28	18:41:00	2000	Update Delete
2024-10-28	18:41:00	1000	Update Delete
2024-10-27	16:23:00	1000	Update Delete
2024-10-22	18:41:00	1000	Update Delete

Figure 14: Water Consumption Tracker Page

Search Water Consumption Records

Search by:

[Search](#)

Your Water Consumption Records

[Reset](#) [Search](#)

Drinking Date	Drinking Time	Water Intake (mℓ)	Actions
2024-10-28	18:41:00	2000	Update Delete
2024-10-28	18:41:00	1000	Update Delete

Figure 15: Search Water Consumption Records by date

The image displays three separate modal forms for updating records. Each form has a title, a close button (X), and a set of input fields followed by 'Update' and 'Cancel' buttons.

- Update Weight Record:** Contains a date field with '27/10/2024', a time field with '03:00 AM', and a weight field with '50.00'.
- Update Exercise Routine:** Contains a date field with '27/10/2024', a duration field with '30', a category dropdown menu currently showing 'Running', and 'Update' and 'Cancel' buttons.
- Update Water Consumption Record:** Contains a date field with '28/10/2024', a time field with '06:41 PM', and a volume field with '2000'.

Figure 16: Update Records

A confirmation dialog box with a title bar that says 'localhost says'. The main text asks 'Are you sure you want to delete this record?'. At the bottom right, there are two buttons: 'OK' (highlighted with a blue border) and 'Cancel'.

Figure 17: Delete Record- Confirmation Message

Booking Consultant

Select Nutritionist:

Choose a Nutritionist

Preferred Date:

dd/mm/yyyy

Preferred Time:

Choose a Time Slot

Remarks (Optional):

Any additional information or comments

Request Consultant

All Bookings

PreDate	PreTime	Nutritionist Name	Remarks	Request Date	Status	Reject Reason
2024-10-30	11:30:00	John Martinez	hi	2024-10-27	"Reject"	nutritionist unavailable
2024-10-30	15:42:00	Emily Wong		2024-10-29	"Pending"	
2024-10-31	16:06:00	Emily Wong	?	2024-10-27	"Success"	
2024-10-28	08:30:00	Nurul Amira	I dont know	2024-10-25	"Pending"	
2024-10-29	04:03:00	Jessica Chen	none	2024-10-27	"Pending"	

Figure 18: Booking Consultant Page

Payment Details

Please complete your payment to confirm the booking with your consultant. Ensure that the card details you provide are valid.

- **Nutritionist Name** : John Martinez
- **Preferred Date** : 2024-11-15
- **Preferred Time** : 10:30-11:30
- **Consultation Fee** : RM 20

If you have any issues, please contact support at huanfitnesspal@gmail.com.

Credit Card

Cardholder's Name:

John Doe

Card Number:

1234 5678 9012 3456

Expiry Date (MM/YY):

MM/YY

CVV:

123

Amount:

RM 20

Back **Submit Payment**

Figure 19: Payment for booking consultant

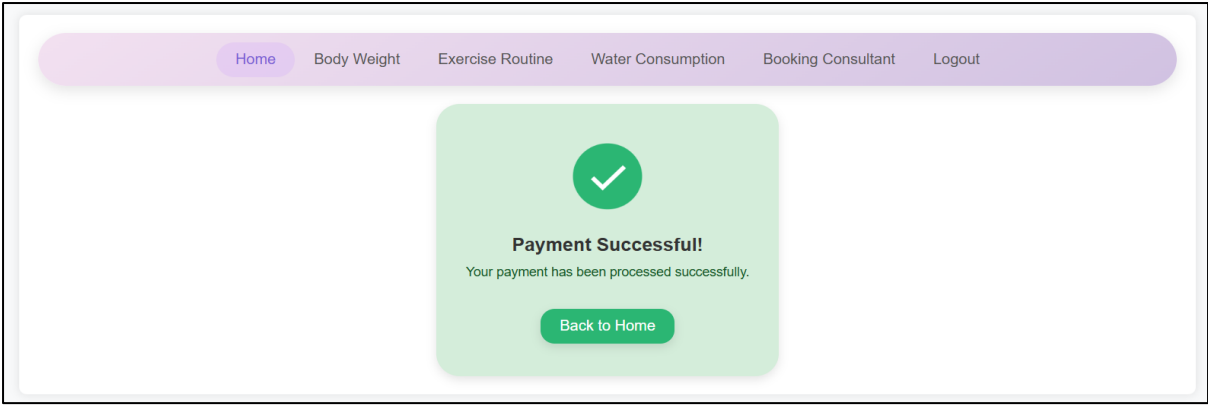


Figure 20: Payment Successful Message

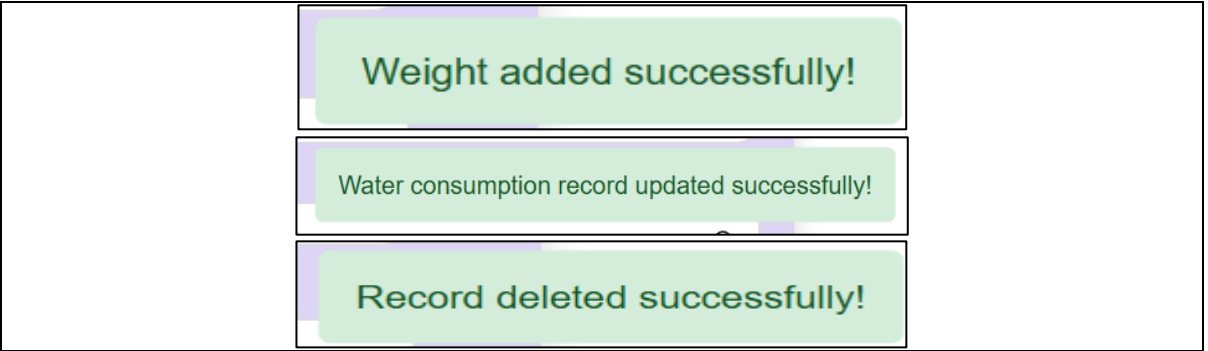


Figure 21: Action successful message

Your Exercise Routines				Reset	Search
Date	Duration (minutes)	Exercise	Action		
2024-10-27	30	Running	Update	Delete	
2024-10-27	40	Strength Training	Update	Delete	
2024-10-27	10	Running	Update	Delete	

Figure 22: Search Exercise Records by Date (Before Reset)

Your Exercise Routines				Reset	Search
Date	Duration (minutes)	Exercise	Action		
2024-10-31	50	Strength Training	Update	Delete	
2024-10-31	20	Swimming	Update	Delete	
2024-10-30	60	Pilates	Update	Delete	
2024-10-28	50	Swimming	Update	Delete	
2024-10-27	30	Running	Update	Delete	
2024-10-27	10	Running	Update	Delete	
2024-10-27	40	Strength Training	Update	Delete	
2024-10-26	20	Dancing	Update	Delete	
2024-10-26	45	Yoga	Update	Delete	
2024-10-17	60	Running	Update	Delete	

Figure 23: Exercise Records (After Reset)

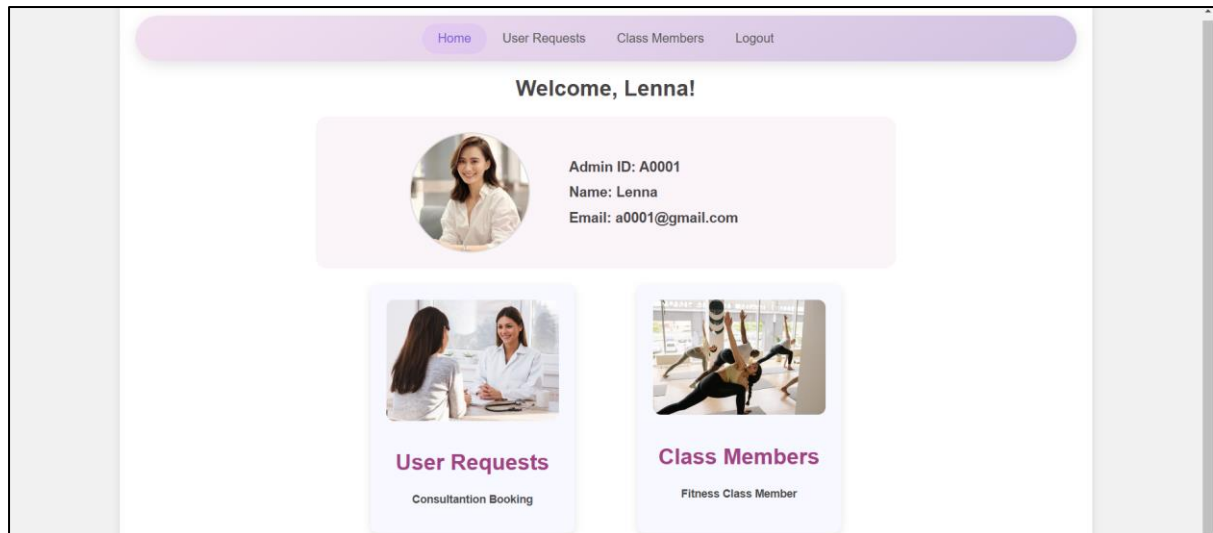


Figure 24: Admin Home Page

The "User's Consultant Booking Request" page includes an "Add" button and a search icon. The table below lists booking requests with their details and actions.

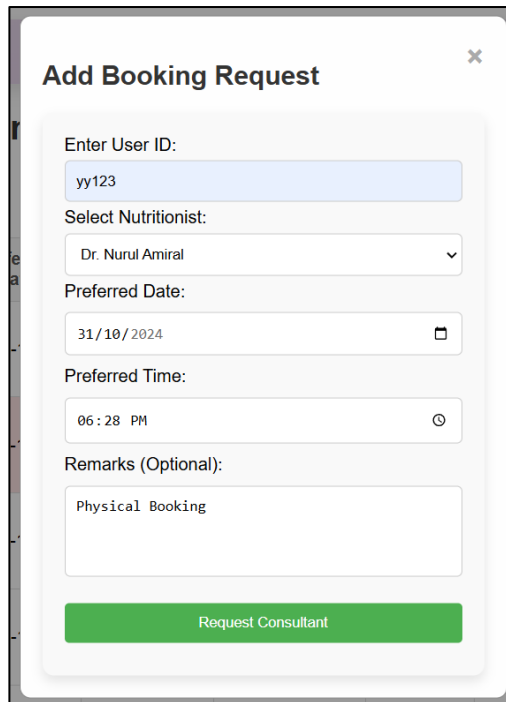
Request ID	Customer ID	Request Date	Preferred Date	Preferred Time	Nutritionist Name	Remarks	Status	Reject Reason	Action
57	Yy123	2024-10-30	2024-11-15	10:30:00	John Martinez	none	"Success"		Update Delete
56	yy123	2024-10-29	2024-10-30	15:42:00	Emily Wong	none	"Success"		Update Delete
55	Jarett123	2024-10-28	2024-10-31	15:00:00	John Martinez	none	"Reject"	payment unsuccess	Update Delete
54	LXJ123	2024-10-28	2024-11-27	13:00:00	Emily Wong	none	"Reject"	nutritionist unavailable	Update Delete
53	Esther123	2024-10-28	2024-10-31	14:00:00	Emily Wong	no	"Pending"		Update Delete

Figure 25: User Request for Consultant Page

The "Fitness Class Member" page includes an "Add" button and a search icon. The table below lists class members with their details and actions.

Member ID	Customer ID	Payment Duration	Fitness Type	Join Date	Membership Expiry Date	Action
27	Cwenhui	1	yoga	2024-10-30	2024-11-30	Update Delete
26	LXJ123	1	yoga	2024-10-30	2024-11-30	Update Delete
25	Jarett123	3	gym	2024-10-30	2025-01-30	Update Delete
21	Yy123	6	yoga	2024-10-28	2025-04-28	Update Delete

Figure 26: Class Member Page



Add Booking Request ✕

Enter User ID:
yy123

Select Nutritionist:
Dr. Nurul Amiral ▾

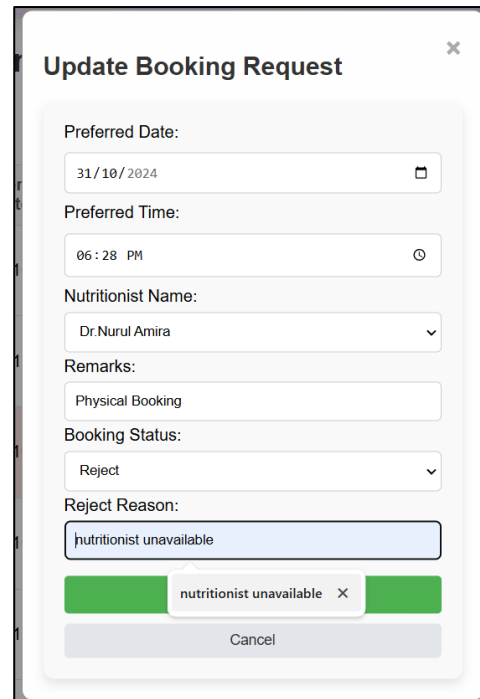
Preferred Date:
31/10/2024 📅

Preferred Time:
06:28 PM ⌚

Remarks (Optional):
Physical Booking

Request Consultant

Figure 27: Add new booking request



Update Booking Request ✕

Preferred Date:
31/10/2024 📅

Preferred Time:
06:28 PM ⌚

Nutritionist Name:
Dr Nurul Amira ▾

Remarks:
Physical Booking

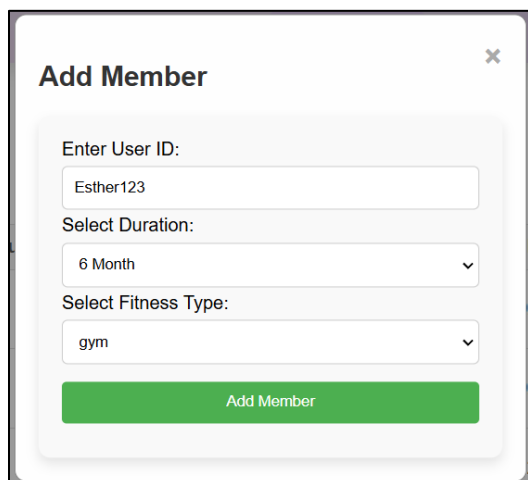
Booking Status:
Reject ▾

Reject Reason:
nutritionist unavailable

nutritionist unavailable ✕

Cancel

Figure 28: Update booking request status



Add Member ✕

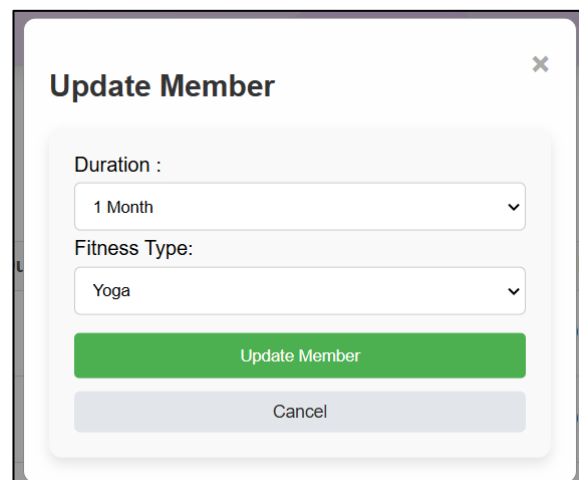
Enter User ID:
Esther123

Select Duration:
6 Month ▾

Select Fitness Type:
gym ▾

Add Member

Figure 29: Add new class member



Update Member ✕

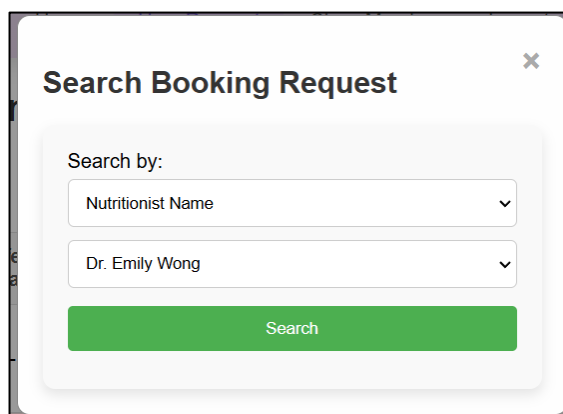
Duration :
1 Month ▾

Fitness Type:
Yoga ▾

Update Member

Cancel

Figure 30: Update class member



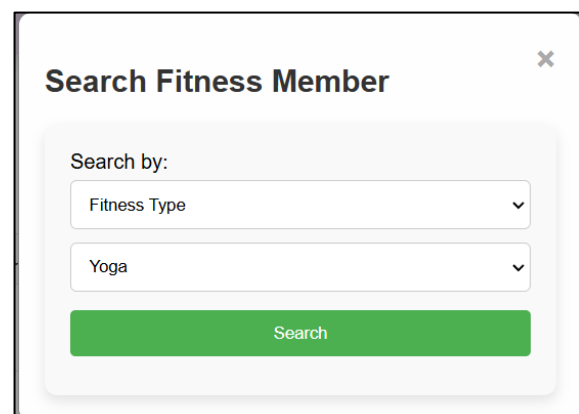
Search Booking Request ✕

Search by:
Nutritionist Name ▾

Dr. Emily Wong ▾

Search

Figure 31: Search booking request by nutritionist name “Dr. Emily Wong”



Search Fitness Member ✕

Search by:
Fitness Type ▾

Yoga ▾

Search

Figure 32: Search fitness class member by fitness type “Yoga”

User's Consultant Booking Request									
 Add		 Search							
Request ID	Customer ID	Request Date	Preferred Date	Preferred Time	Nutritionist Name	Remarks	Status	Reject Reason	Action
48	yy123	2024-10-27	2024-10-31	16:06:00	Emily Wong	?	"Success"		Update Delete
52	Cwhui	2024-10-28	2024-10-30	13:00:00	Emily Wong		"Pending"		Update Delete
53	Esther123	2024-10-28	2024-10-31	14:00:00	Emily Wong	no	"Pending"		Update Delete
54	LXJ123	2024-10-28	2024-11-27	13:00:00	Emily Wong	none	"Reject"	nutritionist unavailable	Update Delete
56	yy123	2024-10-29	2024-10-30	15:42:00	Emily Wong	none	"Success"		Update Delete

Figure 33: Results for searching booking request by nutritionist name “Dr. Emily Wong”



Fitness Class Member						
 Add		 Search				
Member ID	Customer ID	Payment Duration	Fitness Type	Join Date	Membership Expiry Date	Action
21	Yy123	6	yoga	2024-10-28	2025-04-28	Update Delete
26	LXJ123	1	yoga	2024-10-30	2024-11-30	Update Delete
27	Cwenhui	1	yoga	2024-10-30	2024-11-30	Update Delete

Figure 34: Results for searching fitness class member by fitness type “Yoga”