

TABLE DESIGN

Table Name: admin_user

Column Name	Data Type	Description
id	INT	Primary key, auto-increment
username	VARCHAR(100)	Username for admin login
password	VARCHAR(100)	Password for admin login (hashed)
email	VARCHAR(100)	Email address of admin
created_at	DATETIME	Timestamp of account creation

Table Name: member

Column Name	Data Type	Description
id	INT	Primary key, auto-increment
username	VARCHAR(100)	Username for member login
password	VARCHAR(100)	Password for member login (hashed)
email	VARCHAR(100)	Email address of member
full_name	VARCHAR(255)	Full name of member
address	VARCHAR(255)	Address of member
phone_number	VARCHAR(20)	Phone number of member
created_at	DATETIME	Timestamp of account creation

Table Name: consultant

Column Name	Data Type	Description
id	INT	Primary key, auto-increment
username	VARCHAR(100)	Username for consultant login

Column Name	Data Type	Description
password	VARCHAR(100)	Password for consultant login (hashed)
email	VARCHAR(100)	Email address of consultant
full_name	VARCHAR(255)	Full name of consultant
created_at	DATETIME	Timestamp of account creation

Table Name: trainer

Column Name	Data Type	Description
id	INT	Primary key, auto-increment
username	VARCHAR(100)	Username for trainer login
password	VARCHAR(100)	Password for trainer login (hashed)
email	VARCHAR(100)	Email address of trainer
full_name	VARCHAR(255)	Full name of trainer
created_at	DATETIME	Timestamp of account creation

Table Name: product

Column Name	Data Type	Description
id	INT	Primary key, auto-increment
name	VARCHAR(255)	Name of the product
description	TEXT	Description of the product
price	DECIMAL(10,2)	Price of the product
quantity	INT	Quantity available in stock
image_url	VARCHAR(255)	URL of the product image
created_at	DATETIME	Timestamp of product addition to catalog

Table Name: product_catalog

Column Name	Data Type	Description
product_id	INT	Primary key, auto-increment
name	VARCHAR(255)	Name of the product
description	TEXT	Description of the product
price	DECIMAL(10,2)	Price of the product
category	VARCHAR(100)	Category of the product (e.g., Nutrients, Books on Health, Gym Equipment,Dress)
image_url	VARCHAR(255)	URL of the product image
quantity	INT	Quantity available in stock
created_at	DATETIME	Timestamp of product addition to catalog

Table Name: shopping_cart

Column Name	Data Type	Description
cart_id	INT	Primary key, auto-increment
member_id	INT	Foreign key referencing member_id from the member table
product_id	INT	Foreign key referencing product_id from the product_catalog table
quantity	INT	Quantity of the product in the cart
created_at	DATETIME	Timestamp of cart creation

Table Name: order

Column Name	Data Type	Description
order_id	INT	Primary key, auto-increment
member_id	INT	Foreign key referencing member_id from the member table
order_date	DATETIME	Timestamp of order placement
total_amount	DECIMAL(10,2)	Total amount of the order
status	VARCHAR(50)	Status of the order (e.g., Pending, Shipped, Delivered)
created_at	DATETIME	Timestamp of order creation

Table Name: order_item

Column Name	Data Type	Description
order_item_id	INT	Primary key, auto-increment
order_id	INT	Foreign key referencing order_id from the order table
product_id	INT	Foreign key referencing product_id from the product_catalog table
quantity	INT	Quantity of the product in the order
price	DECIMAL(10,2)	Price of the product at the time of order
created_at	DATETIME	Timestamp of order item creation

Table Name: payment

Column Name	Data Type	Description
payment_id	INT	Primary key, auto-increment
member_id	INT	Foreign key referencing member_id from the member table

Column Name	Data Type	Description
amount	DECIMAL(10,2)	Amount of the payment
payment_date	DATETIME	Timestamp of payment
method	VARCHAR(50)	Payment method (e.g., Card, Cash, UPI)
status	VARCHAR(50)	Payment status (e.g., Paid, Pending)
created_at	DATETIME	Timestamp of payment creation

Table Name: notification

Column Name	Data Type	Description
notification_id	INT	Primary key, auto-increment
recipient_id	INT	Foreign key referencing user_id from the admin_user table (for admin notifications), member_id from the member table (for member notifications), or trainer_id from the trainer table (for trainer notifications)
message	TEXT	Notification message
created_at	DATETIME	Timestamp of notification creation

Table Name: report

Column Name	Data Type	Description
report_id	INT	Primary key, auto-increment
admin_id	INT	Foreign key referencing admin_id from the admin_user table
report_date	DATE	Date of the report
content	TEXT	Report content
created_at	DATETIME	Timestamp of report creation

Table Name: class

Column Name	Data Type	Description
class_id	INT	Primary key, auto-increment
class_name	VARCHAR(100)	Name of the class
trainer_id	INT	Foreign key referencing trainer_id from the trainer table
schedule	VARCHAR(50)	Schedule of the class (e.g., Monday 10:00 AM - 11:00 AM)
capacity	INT	Maximum capacity of the class
created_at	DATETIME	Timestamp of class creation