

Asia Pacific College
School of Computing and Information Technologies

A Proposed Database Design for
Sertfit Athletics Gym & Sports Hub

Submitted in partial fulfillment of the requirements for the course

Data Management 1

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I. Introduction

A. Background of the Company

Sertfit Athletics Gym and Sports Hub is a fitness center located at Apelo Cruz Extension, Brgy. 174, Malibay, Pasay City. It offers a wide range of gym equipment suitable for both beginners starting their fitness journey and fitness enthusiasts who have already established their routines. Customers can choose from flexible membership plans or opt for walk-in sessions. The gym also features a VIP room, providing a more private and comfortable environment with access to exclusive equipment. In addition, Sertfit Athletics Gym and Sports Hub houses sports facilities such as a basketball court and a boxing ring, giving customers opportunities to train, play, and explore different athletic activities.

Aside from fitness equipment and sports facilities, the gym also provides a selection of healthy food and beverages to support recovery and energy replenishment. Options include hydrating drinks like Gatorade, Pocari Sweat, and Vitasoy, as well as nutritious snacks such as bananas and eggs. These offerings ensure that customers not only work out effectively but also maintain proper nutrition before, during, and after their training.

Despite Sertfit Athletics Gym and Sports Hub's wide range of services and facilities, its current management and record-keeping processes rely heavily on manual or semi-digital methods. This often leads to difficulties in tracking member information, managing subscriptions, scheduling trainers, and monitoring the use of facilities and equipment. The lack of a centralized and well-structured database system may result in data redundancy, inconsistencies, and inefficiencies in daily operations. Furthermore, without an integrated system, generating reports or analyzing customer trends becomes time-consuming and prone to errors. This gap highlights the need for a proposed database design that can streamline operations, enhance data accuracy, and improve overall service management for Sertfit Athletics Gym and Sports Hub.

B. Business Process

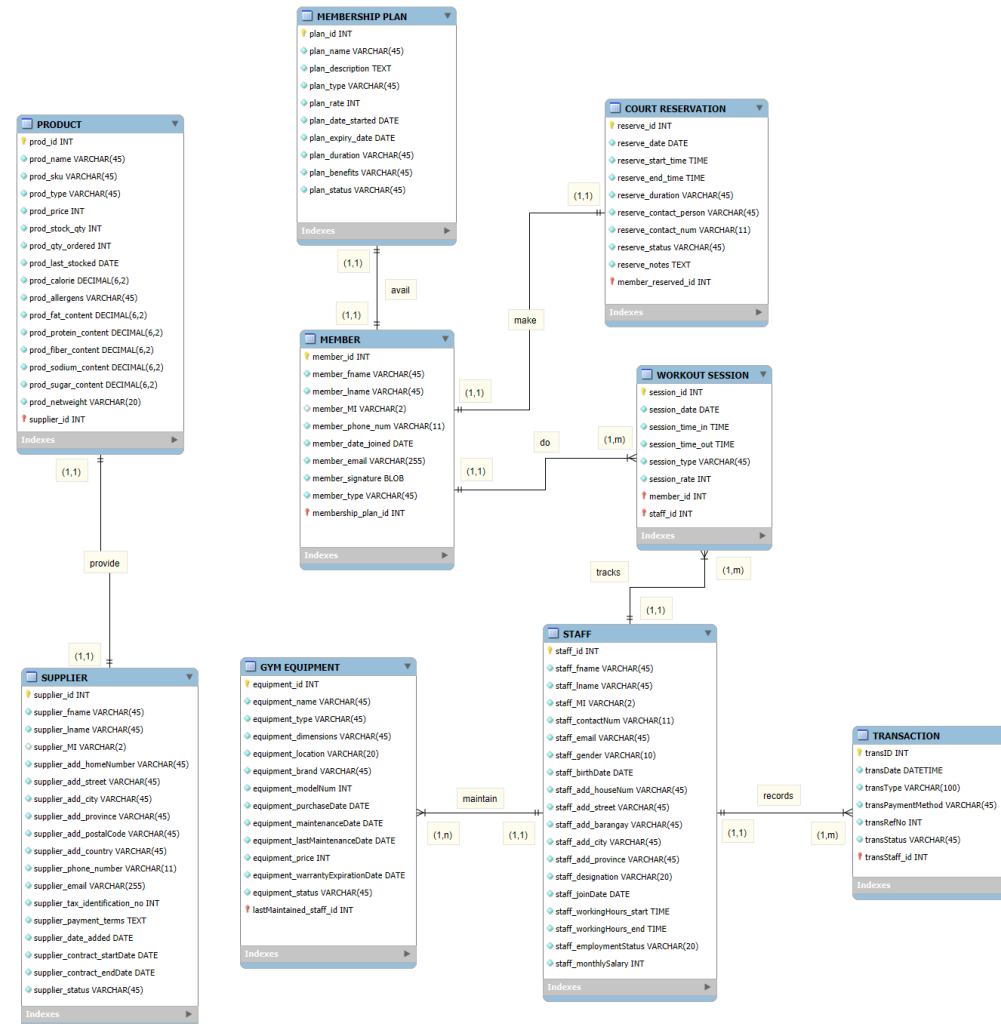
1. MEMBER can do one or many WORKOUT SESSIONs
2. TRAINER can train up to 5 MEMBERs
3. MEMBER can choose one MEMBERSHIP PLAN
4. MEMBER can make one COURT RESERVATION
5. MEMBER can purchase one or many PRODUCTS
6. STAFF tracks one or many WORKOUT SESSIONs
7. STAFF records one or many PRODUCT PURCHASEs
8. STAFF maintains GYM EQUIPMENT

II. Business Rules

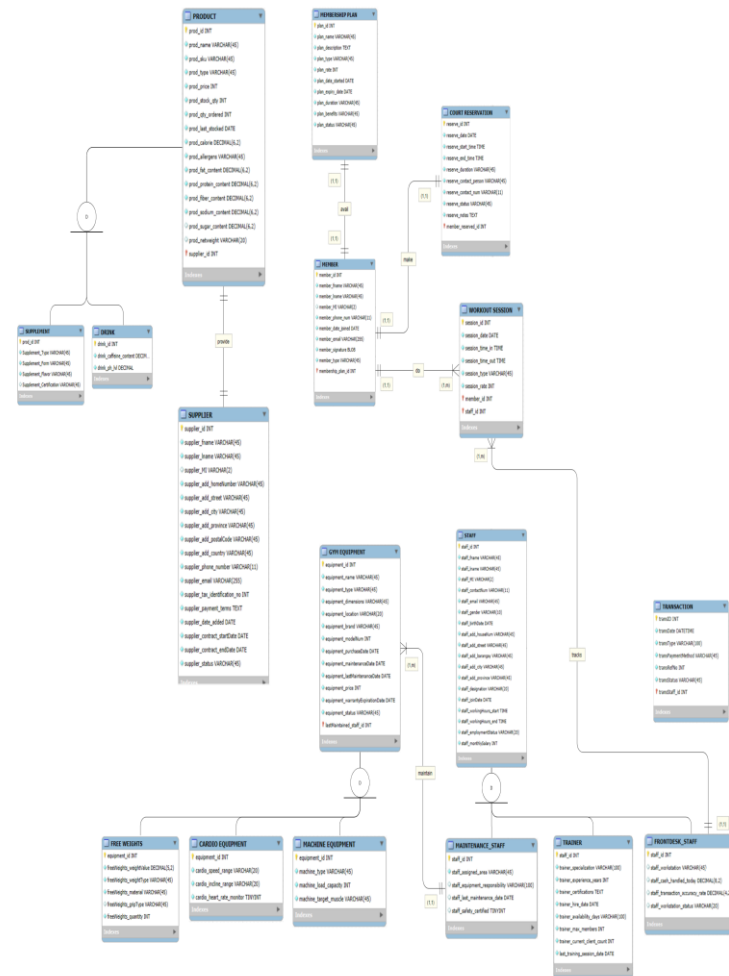
1. Each MEMBER can do one or many WORKOUT SESSIONs. Each WORKOUT SESSION can be done by one MEMBER.
2. Each MEMBER can make one COURT RESERVATION. Each COURT RESERVATION can be made by one MEMBER.
3. Each MEMBER can avail one MEMBERSHIP PLAN. Each MEMBERSHIP PLAN can be chosen by one MEMBER.
4. Each PRODUCT is provided by one SUPPLIER. Each SUPPLIER delivers one PRODUCT.
5. Each TRAINER can train one, up to 5 MEMBERs. One, up to 5 MEMBERs can be trained by one TRAINER.
6. Each FRONTDESK_STAFF tracks one or many WORKOUT SESSIONs. One or many WORKOUT SESSIONs can be tracked by one FRONTDESK_STAFF.
7. Each FRONTDESK_STAFF records one or many TRANSACTIONs. One or many TRANSACTIONs are recorded by one FRONTDESK_STAFF.
8. Each MAINTENANCE_STAFF maintains one or many GYM EQUIPMENT. One or many GYM EQUIPMENT is maintained by one MAINTENANCE_STAFF.

III. Entity Relationship Diagram (ERD)

A. ERD



B. Extended ERD



IV. Data Dictionary

TABLE NAME	ATTRIBUTE NAME	CONTENTS	TYPE	FORMAT	RANGE	REQUIRED	PK OR FK	FK REFERENCED TABLE
MEMBER	member_id	Member ID	INT	9999999	2026100 - 2026999	Y	PK	
	member_fname	Member first name	VARCHAR(45)	Xxxxxxxx		Y		
	member_lname	Member last name	VARCHAR(45)	Xxxxxxxx		Y		
	member_MI	Member middle initial	VARCHAR(2)	X.		Y		
	member_phone_num	Member phone number	VARCHAR(11)	99999999999		Y		
	member_date_joined	Member date joined	DATE	yyyy-mm-dd		Y		
	member_email	Member email	VARCHAR(255)	Xxxxxxx@xxxxx		Y		
	member_signature	Member signature	BLOB	PNG image		Y		
	member_type	Member type	VARCHAR(45)	Xxxxxxxx		Y		
	membership_plan_id	ID of membership plan	INT	9999999	2025100 - 2025999	Y	FK	MEMBERSHIP PLAN
WORKOUT SESSION	session_id	Session ID	INT	9999999	2032100 - 2032999	Y	PK	
	session_date	Session Date	DATE	yyyy-mm-dd		Y		
	session_time_in	Session time of time-in	TIME	hh:mm:ss		Y		
	session_time_out	Session time of time-out	TIME	hh:mm:ss		Y		
	session_type	Session type	VARCHAR(45)	Xxxxxxxx		Y		
	session_rate	Session rate	INT	999,999	0 - 99999	Y		
	member_id	Member ID	INT	9999999	2026100 - 2026999	Y	FK	MEMBER
	staff_id	Staff identification number	INT	9999999	2029100 - 2029999	Y	FK	STAFF
STAFF	staff_id	Staff identification number	INT	9999999	2029100 - 2029999	Y	PK	
	staff_fname	Staff first name	VARCHAR(45)	Xxxxxxxx		Y		
	staff_lname	Staff last name	VARCHAR(45)	Xxxxxxxx		Y		
	staff_MI	Staff middle initial	VARCHAR(2)	X.		N		
	staff_contactNum	Staff contact number	VARCHAR(11)	99999999999		Y		
	staff_email	Staff email address	VARCHAR(45)	Xxxxxxx@xxxxx		Y		
	staff_gender	Staff gender	VARCHAR(10)	Xxxxxx		Y		

	staff_birthDate	Staff birth date	DATE	yyyy-mm-dd		Y		
	staff_add_houseNum	Staff house number address	VARCHAR(45)	Xxx		Y		
	staff_add_street	Staff street address	VARCHAR(45)	XXXXXXXXXX		Y		
	staff_add_barangay	Staff barangay address	VARCHAR(45)	XXXXXXXXXX		Y		
	staff_add_city	Staff city address	VARCHAR(45)	XXXXXXXXXX		Y		
	staff_add_province	Staff province address	VARCHAR(45)	XXXXXXXXXX		Y		
	staff_designation	Staff designation	VARCHAR(20)	XXXXXXXXXX		Y		
	staff_joinDate	Staff join date	DATE	yyyy-mm-dd		Y		
	staff_workingHours_start	Staff start of working hours	TIME	hh:mm:ss		Y		
	staff_workingHours_end	Staff end of working hours	TIME	hh:mm:ss		Y		
	staff_employmentStatus	Staff employment status	VARCHAR(20)	XXXXXXXXXX		Y		
	staff_monthlySalary	Staff monthly salary	INT	99999	14500 - 15300	Y		
PRODUCT	prod_id	Product identification number	INT	9999999	2028100 - 2028999	Y	PK	
	prod_name	Product name	VARCHAR(45)	XXXXXXXXXX		Y		
	prod_sku	Product stock keeping unit	VARCHAR(45)	XXXXXXXXXX		Y		
	prod_type	Product type	VARCHAR(45)	XXXXXXXXXX		Y		
	prod_price	Product price	INT	9,999	30 - 9999	Y		
	prod_stock	Product stock	INT	9999	0 - 9999	Y		
	prod_qty_ordered	Product quantity ordered	INT	9999	1 - 99	Y		
	prod_last_stocked	Product last stocked	DATE	yyyy-mm-dd		Y		
	prod_calorie	Product calorie	DECIMAL(6, 2)	999999.99	0 - 1000	Y		
	prod_allergens	Product allergens	VARCHAR(45)	XXXXXXXXXX		Y		
	prod_fat_content	Product fat content	DECIMAL(6, 2)	999999.99	0 - 1000	Y		
	prod_protein_content	Product protein content	DECIMAL(6, 2)	999999.99	0 - 1000	Y		
	prod_fiber_content	Product fiber content	DECIMAL(6, 2)	999999.99	0 - 1000	Y		
	prod_sodium_content	Product sodium content	DECIMAL(6, 2)	999999.99	0 - 1000	Y		
	prod_sugar_content	Product sugar content	DECIMAL(6, 2)	999999.99	0 - 1000	Y		
	prod_netweight	Product netweight	VARCHAR(20)	XXXXXXXXXX		Y		
	supplier_id	Supplier identification number	INT	9999	2027100 - 2027999	Y	FK	SUPPLIER
SUPPLIER	supplier_id	Supplier identification number	INT	9999999	2027100 - 2027999	Y	PK	

	supplier_fname	Supplier first name	VARCHAR(45)	XXXXXXXX		Y		
	supplier_lname	Supplier last name	VARCHAR(45)	XXXXXXXX		Y		
	supplier_MI	Supplier middle initial	VARCHAR(2)	X.		Y		
	supplier_add_homeNumber	Supplier address home number	VARCHAR(45)	XXXXXXXX		Y		
	supplier_add_city	Supplier address city	VARCHAR(45)	XXXXXXXX		Y		
	supplier_add_province	Supplier address province	VARCHAR(45)	XXXXXXXX		Y		
	supplier_add_postalCode	Supplier address postal code	INT	9999	0000 - 9999	Y		
	supplier_add_country	Supplier address country	VARCHAR(45)	XXXXXXXX		Y		
	supplier_phone_number	Supplier phone number	VARCHAR(11)	9999999999		Y		
	supplier_email	Supplier email	VARCHAR(225)	XXXXXXXX@XXXXXX		N		
	supplier_tax_identification	Supplier tax identification	INT	999-999-999		Y		
	supplier_payment_terms	Supplier payment terms	TEXT	XXXXXXXX		Y		
	supplier_date_added	Supplierdate added	DATE	yyyy-mm-dd		Y		
	supplier_contact_startDate	Supplier contract start date	DATE	yyyy-mm-dd		Y		
	supplier_contact_endDate	Supplier contract end date	DATE	yyyy-mm-dd		Y		
	supplier_status	Supplier status	VARCHAR(45)	XXXXXXXX		Y		
TRANSACTION	transID	Transaction identification number	INT	9999999	2030100 - 2030999	Y	PK	
	transDate	Transaction date	DATETIME	mm/dd/yyyy hh:mm		Y		
	transType	Transaction type	VARCHAR(100)	XXXXXXXX		Y		
	transPaymentMethod	Transaction payment method	VARCHAR(45)	XXXXXXXX		Y		
	transRefNo	Transaction reference number	INT	9999999		Y		
	transStatus	Transaction status	VARCHAR(45)	XXXXXXXX		Y		
	transStaff_ID	Transaction Staff identification number	INT	9999	2029100 - 2029999	Y	FK	STAFF
COURT RESERVATION	reserve_id	Reservation identification number	INT	9999999	2032100 - 2032999	Y	PK	
	reserve_date	Reservation date	DATE	yyyy-mm-dd		Y		
	reserve_start_time	Reservation start time	TIME	hh:mm:ss		Y		
	reserve_end_time	Reservation end time	TIME	hh:mm:ss		Y		
	reserve_duration	Reservation duration	VARCHAR(45)	XXXXXXXX		Y		
	reserve_contact_person	Reservation contact person	VARCHAR(45)	XXXXXXXX		Y		

	reserve_contact_num	Reservation contact number	VARCHAR(11)	XXXXXXXXXX		Y		
	reserve_status	Reservation status	VARCHAR(45)	XXXXXXXXXX		Y		
	reserve_notes	Reservation notes	TEXT	XXXXXXXXXX...		Y		
	member_reserved_id	Member reserved id	INT	99999	2026100 - 2026999	Y	FK	MEMBER
MEMBERSHIP PLAN	plan_id	Membership plan identification	INT	9999999	2025100 - 2025999	Y	PK	
	plan_name	Membership plan name	VARCHAR(45)	XXXXXXXXXX		Y		
	plan_description	Membership plan description	TEXT	XXXXXXXXXX...		Y		
	plan_type	Membership plan type	VARCHAR(45)	XXXXXXXXXX		Y		
	plan_rate	Membership plan rate	INT	99,999	0 - 99999	Y		
	plan_date_started	Membership plan date started	DATE	yyyy-mm-dd		Y		
	plan_expiry_date	Membership plan expiry date	DATE	yyyy-mm-dd		Y		
	plan_duration	Membership plan duration	VARCHAR(45)	XXXXXXXXXX		Y		
	plan_benefits	Membership plan benefits	VARCHAR(45)	XXXXXXXXXX		Y		
	plan_status	Membership plan status	VARCHAR(45)	XXXXXXXXXX		Y		
GYM EQUIPMENT	equipment_id	Gym equipment identification number	INT	9999999	2031100 - 2031999	Y	PK	
	equipment_name	Gym equipment name	VARCHAR(45)	XXXXXXXXXX		Y		
	equipment_type	Gym equipment type	VARCHAR(45)	XXXXXXXXXX		Y		
	equipment_dimensions	Gym equipment dimensions	VARCHAR(45)	LLLxWWWxHHH cm		Y		
	equipment_location	Gym equipment location	VARCHAR(20)	XXXXXXXXXX		Y		
	equipment_brand	Gym equipment brand	VARCHAR(45)	XXXXXXXXXX		Y		
	equipment_modelNum	Gym equipment model number	INT	9999		Y		
	equipment_purchaseDate	Gym equipment purchase date	DATE	yyyy-mm-dd		Y		
	equipment_maintenanceDate	Gym equipment maintenance date	DATE	yyyy-mm-dd		Y		
	equipment_lastMaintenanceDate	Gym equipment last maintenance date	DATE	yyyy-mm-dd		Y		
	equipment_price	Gym equipment price	INT	999999	100 – 1000000	Y		
	equipment_warrantyExpirationDate	Gym equipment warranty expiration date	DATE	yyyy-mm-dd		Y		
	equipment_status	Gym equipment status	VARCHAR(45)	XXXXXXXXXX		Y		
	lastMaintained_staff_id	Lastmaintaineduct staff id	INT	9999999	2029100 - 2029999	Y	FK	STAFF

V. Tables

Create Command:

```
DROP DATABASE IF EXISTS `SERTFIT` ;
```

```
CREATE DATABASE IF NOT EXISTS `SERTFIT` DEFAULT CHARACTER SET utf8 ;  
USE `SERTFIT` ;
```

```
CREATE TABLE IF NOT EXISTS `COURT RESERVATION` (  
  `reserve_id` INT NOT NULL,  
  `reserve_date` DATE NOT NULL,  
  `reserve_start_time` TIME NOT NULL,  
  `reserve_end_time` TIME NOT NULL,  
  `reserve_duration` VARCHAR(45) NOT NULL,  
  `reserve_contact_person` VARCHAR(45) NOT NULL,  
  `reserve_contact_num` VARCHAR(11) NOT NULL,  
  `reserve_status` VARCHAR(45) NOT NULL,  
  `reserve_notes` TEXT NOT NULL,  
  `member_reserved_id` INT NOT NULL,  
  PRIMARY KEY (`reserve_id`, `member_reserved_id`),  
  INDEX `fk_COURT RESERVATION_MEMBER1_idx` (`member_reserved_id` ASC),  
  CONSTRAINT `fk_COURT RESERVATION_MEMBER1`  
    FOREIGN KEY (`member_reserved_id`)  
      REFERENCES `MEMBER` (`member_id`)  
      ON DELETE NO ACTION  
      ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
CREATE TABLE IF NOT EXISTS `GYM EQUIPMENT` (  
  `equipment_id` INT NOT NULL,  
  `equipment_name` VARCHAR(45) NOT NULL,  
  `equipment_type` VARCHAR(45) NOT NULL,  
  `equipment_dimensions` VARCHAR(45) NOT NULL,  
  `equipment_location` VARCHAR(20) NOT NULL,  
  `equipment_brand` VARCHAR(45) NOT NULL,  
  `equipment_modelNum` INT NOT NULL,  
  `equipment_purchaseDate` DATE NOT NULL,  
  `equipment_maintenanceDate` DATE NOT NULL,  
  `equipment_lastMaintenanceDate` DATE NOT NULL,  
  `equipment_price` INT NOT NULL,  
  `equipment_warrantyExpirationDate` DATE NOT NULL,  
  `equipment_status` VARCHAR(45) NOT NULL,  
  `lastMaintained_staff_id` INT NOT NULL,  
  PRIMARY KEY (`equipment_id`, `lastMaintained_staff_id`),  
  INDEX `fk_GYM EQUIPMENT_STAFF1_idx` (`lastMaintained_staff_id` ASC),  
  CONSTRAINT `fk_GYM EQUIPMENT_STAFF1`  
    FOREIGN KEY (`lastMaintained_staff_id`)  
      REFERENCES `STAFF` (`staff_id`)  
      ON DELETE NO ACTION  
      ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```

CREATE TABLE IF NOT EXISTS `MEMBER` (
  `member_id` INT NOT NULL,
  `member_fname` VARCHAR(45) NOT NULL,
  `member_lname` VARCHAR(45) NOT NULL,
  `member_MI` VARCHAR(2) NULL,
  `member_phone_num` VARCHAR(11) NOT NULL,
  `member_date_joined` DATE NOT NULL,
  `member_email` VARCHAR(255) NOT NULL,
  `member_signature` BLOB NOT NULL,
  `member_type` VARCHAR(45) NOT NULL,
  `membership_plan_id` INT NOT NULL,
  PRIMARY KEY (`member_id`, `membership_plan_id`),
  INDEX `fk_MEMBER_MEMBERSHIP PLAN1_idx` (`membership_plan_id` ASC),
  CONSTRAINT `fk_MEMBER_MEMBERSHIP PLAN1`
    FOREIGN KEY (`membership_plan_id`)
      REFERENCES `MEMBERSHIP PLAN` (`plan_id`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

CREATE TABLE IF NOT EXISTS `MEMBERSHIP PLAN` (
  `plan_id` INT NOT NULL,
  `plan_name` VARCHAR(45) NOT NULL,
  `plan_description` TEXT NOT NULL,
  `plan_type` VARCHAR(45) NOT NULL,
  `plan_rate` INT NOT NULL,
  `plan_date_started` DATE NOT NULL,
  `plan_expiry_date` DATE NOT NULL,
  `plan_duration` VARCHAR(45) NOT NULL,
  `plan_benefits` VARCHAR(45) NOT NULL,
  `plan_status` VARCHAR(45) NOT NULL,
  PRIMARY KEY (`plan_id`))
ENGINE = InnoDB;

```

```

CREATE TABLE IF NOT EXISTS `PRODUCT` (
  `prod_id` INT NOT NULL,
  `prod_name` VARCHAR(45) NOT NULL,
  `prod_sku` VARCHAR(45) NOT NULL,
  `prod_type` VARCHAR(45) NOT NULL,
  `prod_price` INT NOT NULL,
  `prod_stock_qty` INT NOT NULL,
  `prod_qty_ordered` INT NOT NULL,
  `prod_last_stocked` DATE NOT NULL,
  `prod_calorie` DECIMAL(6,2) NOT NULL,
  `prod_allergens` VARCHAR(45) NOT NULL,
  `prod_fat_content` DECIMAL(6,2) NOT NULL,
  `prod_protein_content` DECIMAL(6,2) NOT NULL,
  `prod_fiber_content` DECIMAL(6,2) NOT NULL,
  `prod_sodium_content` DECIMAL(6,2) NOT NULL,
  `prod_sugar_content` DECIMAL(6,2) NOT NULL,
  `prod_netweight` VARCHAR(20) NOT NULL,
  `supplier_id` INT NOT NULL,
  PRIMARY KEY (`prod_id`, `supplier_id`),
  INDEX `fk_PRODUCT_SUPPLIER1_idx` (`supplier_id` ASC),
  CONSTRAINT `fk_PRODUCT_SUPPLIER1`

```

```
FOREIGN KEY (`supplier_id`)
REFERENCES `SUPPLIER` (`supplier_id`)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
ENGINE = InnoDB;
```

```
CREATE TABLE IF NOT EXISTS `STAFF` (
  `staff_id` INT NOT NULL,
  `staff_fname` VARCHAR(45) NOT NULL,
  `staff_lname` VARCHAR(45) NOT NULL,
  `staff_MI` VARCHAR(2) NOT NULL,
  `staff_contactNum` VARCHAR(11) NOT NULL,
  `staff_email` VARCHAR(45) NOT NULL,
  `staff_gender` VARCHAR(10) NOT NULL,
  `staff_birthDate` DATE NOT NULL,
  `staff_add_houseNum` VARCHAR(45) NOT NULL,
  `staff_add_street` VARCHAR(45) NOT NULL,
  `staff_add_barangay` VARCHAR(45) NOT NULL,
  `staff_add_city` VARCHAR(45) NOT NULL,
  `staff_add_province` VARCHAR(45) NOT NULL,
  `staff_designation` VARCHAR(20) NOT NULL,
  `staff_joinDate` DATE NOT NULL,
  `staff_workingHours_start` TIME NOT NULL,
  `staff_workingHours_end` TIME NOT NULL,
  `staff_employmentStatus` VARCHAR(20) NOT NULL,
  `staff_monthlySalary` INT NOT NULL,
  PRIMARY KEY (`staff_id`))
ENGINE = InnoDB;
```

```
CREATE TABLE IF NOT EXISTS `SUPPLIER` (
  `supplier_id` INT NOT NULL,
  `supplier_fname` VARCHAR(45) NOT NULL,
  `supplier_lname` VARCHAR(45) NOT NULL,
  `supplier_MI` VARCHAR(2) NULL,
  `supplier_add_homeNumber` VARCHAR(45) NOT NULL,
  `supplier_add_street` VARCHAR(45) NOT NULL,
  `supplier_add_city` VARCHAR(45) NOT NULL,
  `supplier_add_province` VARCHAR(45) NOT NULL,
  `supplier_add_postalCode` VARCHAR(45) NOT NULL,
  `supplier_add_country` VARCHAR(45) NOT NULL,
  `supplier_phone_number` VARCHAR(11) NOT NULL,
  `supplier_email` VARCHAR(255) NOT NULL,
  `supplier_tax_identification_no` INT NOT NULL,
  `supplier_payment_terms` TEXT NOT NULL,
  `supplier_date_added` DATE NOT NULL,
  `supplier_contract_startDate` DATE NOT NULL,
  `supplier_contract_endDate` DATE NOT NULL,
  `supplier_status` VARCHAR(45) NOT NULL,
  PRIMARY KEY (`supplier_id`))
ENGINE = InnoDB;
```

```
CREATE TABLE IF NOT EXISTS `TRANSACTION` (
  `transID` INT NOT NULL,
  `transDate` DATETIME NOT NULL,
  `transType` VARCHAR(100) NOT NULL,
  `transPaymentMethod` VARCHAR(45) NOT NULL,
```

```

`transRefNo` INT NOT NULL,
`transStatus` VARCHAR(45) NOT NULL,
`transStaff_id` INT NOT NULL,
PRIMARY KEY (`transID`, `transStaff_id`),
INDEX `fk_TRANSACTION_STAFF1_idx` (`transStaff_id` ASC),
CONSTRAINT `fk_TRANSACTION_STAFF1`
  FOREIGN KEY (`transStaff_id`)
    REFERENCES `STAFF` (`staff_id`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

CREATE TABLE IF NOT EXISTS `WORKOUT SESSION` (
  `session_id` INT NOT NULL,
  `session_date` DATE NOT NULL,
  `session_time_in` TIME NOT NULL,
  `session_time_out` TIME NOT NULL,
  `session_type` VARCHAR(45) NULL,
  `session_rate` INT NOT NULL,
  `member_id` INT NOT NULL,
  `staff_id` INT NOT NULL,
  PRIMARY KEY (`session_id`, `member_id`, `staff_id`),
  INDEX `fk_WORKOUT SESSION_MEMBER_idx` (`member_id` ASC),
  INDEX `fk_WORKOUT SESSION_STAFF1_idx` (`staff_id` ASC),
  CONSTRAINT `fk_WORKOUT SESSION_MEMBER`
    FOREIGN KEY (`member_id`)
      REFERENCES `MEMBER` (`member_id`)
      ON DELETE NO ACTION
      ON UPDATE NO ACTION,
  CONSTRAINT `fk_WORKOUT SESSION_STAFF1`
    FOREIGN KEY (`staff_id`)
      REFERENCES `STAFF` (`staff_id`)
      ON DELETE NO ACTION
      ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

Table Contents:

Member

MariaDB [SERTFIT]> INSERT INTO `member` (
-> `member_id`,
-> `member_fname`,
-> `member_lname`,
-> `member_MI`,
-> `member_phone_num`,
-> `member_date_joined`,
-> `member_email`,
-> `member_signature`,
-> `member_type`,
-> `membership_plan_id`
->)
-> VALUES
-> (2026100, 'Gabb', 'Agot', 'A', '09171234567', '2025-02-01', 'gabb.agot@example.com', X'00', 'Regular', 2025100),
-> (2026101, 'Christian', 'Santos', 'B', '09181234568', '2025-02-02', 'christian.santos@example.com', X'00', 'Regular', 2025101),
-> (2026102, 'Roycee', 'Lacuesta', 'C', '09191234569', '2025-02-03', 'roycee.lacuesta@example.com', X'00', 'Premium', 2025102),
-> (2026103, 'Hugh', 'Jackman', 'D', '09201234570', '2025-02-04', 'hugh.jackman@example.com', X'00', 'Regular', 2025103),
-> (2026104, 'June', 'Jury', 'E', '09211234571', '2025-02-05', 'june.jury@example.com', X'00', 'Regular', 2025104),
-> (2026105, 'April', 'May', 'F', '09221234572', '2025-02-06', 'april.may@example.com', X'00', 'Student', 2025105),
-> (2026106, 'Si', 'Benedict', 'G', '09231234573', '2025-02-07', 'si.benedict@example.com', X'00', 'VIP', 2025106),
-> (2026107, 'Flores', 'Perez', 'H', '09241234574', '2025-02-08', 'flores.perez@example.com', X'00', 'Silver', 2025107),
-> (2026108, 'Ariana', 'Thank you next?', 'I', '09251234575', '2025-02-09', 'ariana.thankyou@example.com', X'00', 'Gold', 2025108),
-> (2026109, 'May', 'Saromo', 'J', '09261234576', '2025-02-10', 'may.saromo@example.com', X'00', 'Trial', 2025109);
Query OK, 10 rows affected (0.023 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [SERTFIT]> select * from member
-> ;

member_id	member_fname	member_lname	member_MI	member_phone_num	member_date_joined	member_email	member_signature	member_type	membership_plan_id
2026100	Gabb	Agot	A	09171234567	2025-02-01	gabb.agot@example.com		Regular	2025100
2026101	Christian	Santos	B	09181234568	2025-02-02	christian.santos@example.com		Regular	2025101
2026102	Roycee	Lacuesta	C	09191234569	2025-02-03	roycee.lacuesta@example.com		Premium	2025102
2026103	Hugh	Jackman	D	09201234570	2025-02-04	hugh.jackman@example.com		Regular	2025103
2026104	June	Jury	E	09211234571	2025-02-05	june.jury@example.com		Regular	2025104
2026105	April	May	F	09221234572	2025-02-06	april.may@example.com		Student	2025105
2026106	Si	Benedict	G	09231234573	2025-02-07	si.benedict@example.com		VIP	2025106
2026107	Flores	Perez	H	09241234574	2025-02-08	flores.perez@example.com		Silver	2025107
2026108	Ariana	Thank you next?	I	09251234575	2025-02-09	ariana.thankyou@example.com		Gold	2025108
2026109	May	Saromo	J	09261234576	2025-02-10	may.saromo@example.com		Trial	2025109

Membership Plan

MariaDB [SERTFIT]> INSERT INTO `membership_plan` (
-> `plan_id`,
-> `plan_name`,
-> `plan_description`,
-> `plan_type`,
-> `plan_rate`,
-> `plan_date_started`,
-> `plan_expiry_date`,
-> `plan_duration`,
-> `plan_benefits`,
-> `plan_status`
->)
-> VALUES
-> (2025100, 'Basic Plan', 'Access to gym equipment during regular hours with locker use included', 'Monthly', 35, '2025-02-01', '2025-02-28', '1 Month', 'Gym Access + Locker', 'Active'),
-> (2025101, 'Standard Plan', 'Includes gym access, group classes, and sauna privileges', 'Monthly', 55, '2025-02-01', '2025-02-28', '1 Month', 'Gym + Classes + Sauna', 'Active'),
-> (2025102, 'Premium Plan', 'Full access including all facilities and two personal trainer sessions', 'Monthly', 90, '2025-02-01', '2025-02-28', '1 Month', 'All Access + Trainer', 'Active'),
-> (2025103, 'Quarterly Plan', 'Three-month membership with free fitness assessment', 'Quarterly', 130, '2025-02-01', '2025-04-30', '3 Months', 'Gym + Assessment', 'Active'),
-> (2025104, 'Annual Plan', 'One-year membership with 10% renewal discount and merchandise gift', 'Yearly', 420, '2025-02-01', '2026-01-31', '12 Months', 'All Access + Discounts', 'Active'),
-> (2025105, 'Student Plan', 'Affordable student membership with valid school ID', 'Monthly', 28, '2025-02-01', '2025-02-28', '1 Month', 'Gym + Classes', 'Active'),
-> (2025106, 'VIP Plan', 'Exclusive VIP plan with private locker room and 24/7 access', 'Quarterly', 350, '2025-02-01', '2025-04-30', '3 Months', 'VIP Lounge + 24/7 Access', 'Active'),
-> (2025107, 'Silver Plan', 'Gym membership with free protein shake after every workout', 'Monthly', 110, '2025-02-01', '2025-02-28', '1 Month', 'Gym + Protein Shakes', 'Active'),
-> (2025108, 'Gold Plan', 'Weekend-only membership with access to group sessions', 'Monthly', 25, '2025-02-01', '2025-02-28', '1 Month', 'Weekend + Classes', 'Inactive'),
-> (2025109, 'Platinum Plan', 'Complimentary 7-day trial with full facility access', 'Weekly', 0, '2025-02-01', '2025-02-07', '7 Days', 'Full Trial Access', 'Expired');
Query OK, 10 rows affected (0.042 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [SERTFIT]> select * from `membership_plan`;

plan_id	plan_name	plan_description	plan_type	plan_rate	plan_date_started	plan_expiry_date	plan_duration	plan_benefits	plan_status
2025100	Basic Plan	Access to gym equipment during regular hours with locker use included	Monthly	35	2025-02-01	2025-02-28	1 Month	Gym Access + Locker	Active
2025101	Standard Plan	Includes gym access, group classes, and sauna privileges	Monthly	55	2025-02-01	2025-02-28	1 Month	Gym + Classes + Sauna	Active
2025102	Premium Plan	Full access including all facilities and two personal trainer sessions	Monthly	90	2025-02-01	2025-02-28	1 Month	All Access + Trainer	Active
2025103	Quarterly Plan	Three-month membership with free fitness assessment	Quarterly	130	2025-02-01	2025-04-30	3 Months	Gym + Assessment	Active
2025104	Annual Plan	One-year membership with 10% renewal discount and merchandise gift	Yearly	420	2025-02-01	2026-01-31	12 Months	All Access + Discounts	Active
2025105	Student Plan	Affordable student membership with valid school ID	Monthly	28	2025-02-01	2025-02-28	1 Month	Gym + Classes	Active
2025106	VIP Plan	Exclusive VIP plan with private locker room and 24/7 access	Quarterly	350	2025-02-01	2025-04-30	3 Months	VIP Lounge + 24/7 Access	Active
2025107	Silver Plan	Gym membership with free protein shake after every workout	Monthly	110	2025-02-01	2025-02-28	1 Month	Gym + Protein Shakes	Active
2025108	Gold Plan	Weekend-only membership with access to group sessions	Monthly	25	2025-02-01	2025-02-28	1 Month	Weekend + Classes	Inactive
2025109	Platinum Plan	Complimentary 7-day trial with full facility access	Weekly	0	2025-02-01	2025-02-07	7 Days	Full Trial Access	Expired

10 rows in set (0.032 sec)

Product

MariaDB [SERTFIT]> INSERT INTO `product` VALUES
-> (2027000, 'Whey Protein Powder', 'SKU-WP100', 'Supplement', 1500, 120, 40, '2025-02-10', 120, 50, 'Dairy', 2.50, 25.00, 0.00, 150.00, 1.50, '1kg', 2027100),
-> (2027001, 'Energy Bar - Chocolate', 'SKU-EB200', 'Snack', 75, 50, 200, '2025-02-09', 100, 60, 200, 2.00, 5.00, 0.00, 10.00, 1.00, '1kg', 2027101),
-> (2027002, 'Peanut Butter', 'SKU-PB300', 'Spread', 250, 250, 100, '2025-02-08', 100, 60, 200, 16.00, 7.00, 2.50, 120.00, 5.00, '250g', 2027102),
-> (2027003, 'Protein Shake - Vanilla', 'SKU-PS400', 'Drink', 120, 120, 100, '2025-02-07', 100, 60, 200, 1.00, 0.00, 0.00, 100.00, 0.00, '100ml', 2027103),
-> (2027004, 'Multivitamin Tablets', 'SKU-MV500', 'Supplement', 550, 150, 60, '2025-02-05', 8.00, 8.00, 0.00, 0.00, 0.00, '100 tabs', 2027104),
-> (2027005, 'Protein Cookie - Oatmeal', 'SKU-PC600', 'Snack', 800, 100, 100, '2025-02-06', 220.00, 8.00, 100.00, 4.00, 140.00, 12.00, '100g', 2027105),
-> (2027006, 'BCAA Powder', 'SKU-BC700', 'Supplement', 800, 100, 100, '2025-02-04', 25.00, 0.00, 0.00, 0.00, 0.00, '300g', 2027106),
-> (2027007, 'Almond Milk', 'SKU-AM800', 'Drink', 130, 180, 50, '2025-02-03', 1.50, 1.50, 0.50, 90.00, 4.00, '1L', 2027107),
-> (2027008, 'Electrolyte Drink Mix', 'SKU-ED900', 'Drink', 200, 220, 90, '2025-02-02', 45.00, 0.00, 0.00, 0.00, 0.00, '20 sachets', 2027108),
-> (2027009, 'Vegan Protein Powder', 'SKU-VP1000', 'Supplement', 1600, 80, 25, '2025-02-01', 130.00, 3.00, 23.00, 2.00, 100.00, 2.00, '1kg', 2027109);
Query OK, 10 rows affected (0.078 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [SERTFIT]> select * from product;

prod_id	prod_name	prod_sku	prod_type	prod_price	prod_stock_qty	prod_qty_ordered	prod_last_stocked	prod_calorie	prod_allergens	prod_fat_content	prod_protein_content	prod_fiber_content	prod_sodium_content	prod_sugar_content	prod_serving
2027000	Whey Protein Powder	SKU-WP100	Supplement	1500	120	40	2025-02-10	120.50	Dairy	2.50	25.00	0.00	150.00	1.50	1kg
2027001	Energy Bar - Chocolate	SKU-EB200	Snack	75	500	200	2025-02-09	210.00	Nuts	9.00	8.00	5.00	95.00	18.00	50g
2027002	Peanut Butter	SKU-PB300	Spread	250	250	100	2025-02-08	190.00	Peanuts	16.00	7.00	2.50	120.00	5.00	250g
2027003	Protein Shake - Vanilla	SKU-PS400	Drink	120	120	80	2025-02-07	100.00	Dairy	1.00	20.00	0.50	130.00	4.00	100ml
2027004	Multivitamin Tablets	SKU-MV500	Supplement	550	150	60	2025-02-05	8.00	None	0.00	0.00	0.00	0.00	0.00	100 tabs
2027005	Protein Cookie - Oatmeal	SKU-PC600	Snack	800	100	150	2025-02-06	220.00	Eggs	8.00	10.00	4.00	140.00	12.00	100g
2027006	BCAA Powder	SKU-BC700	Supplement	800	100	30	2025-02-04	25.00	None	0.00	0.00	0.00	15.00	0.00	300g
2027007	Almond Milk	SKU-AM800	Drink	130	180	50	2025-02-03	60.00	Nuts	2.50	1.50	0.50	90.00	4.00	1L
2027008	Electrolyte Drink Mix	SKU-ED900	Drink	200	220	90	2025-02-02	45.00	None	0.00	0.00	0.00	150.00	8.00	20 sachets
2027009	Vegan Protein Powder	SKU-VP1000	Supplement	1600	80	25	2025-02-01	130.00	Soy	3.00	23.00	2.00	100.00	2.00	1kg

10 rows in set (0.021 sec)

[illegible][illegible]

```
MariaDB [SERFIT]> INSERT INTO `transaction` VALUES
-> (2030100, '2025-02-01 09:15:00', 'Membership Payment', 'Cash', 5001001, 'Completed', 2029100),
-> (2030101, '2025-02-01 10:42:00', 'Product Purchase', 'Cash', 5001002, 'Completed', 2029101),
-> (2030102, '2025-02-02 13:05:00', 'Personal Training Session', 'GCash', 5001003, 'Completed', 2029102),
-> (2030103, '2025-02-03 08:55:00', 'Membership Renewal', 'GCash', 5001004, 'Completed', 2029103),
-> (2030104, '2025-02-03 15:20:00', 'Supplement Purchase', 'Cash', 5001005, 'Complete', 2029104),
-> (2030105, '2025-02-04 11:10:00', 'Product Purchase', 'Cash', 5001006, 'Completed', 2029105),
-> (2030106, '2025-02-05 17:45:00', 'Product Purchase', 'GCash', 5001007, 'Completed', 2029106),
-> (2030107, '2025-02-06 12:30:00', 'Membership Cancellation Refund', 'Cash', 5001008, 'Refunded', 2029107),
-> (2030108, '2025-02-07 14:25:00', 'Membership Upgrade', 'Cash', 5001009, 'Completed', 2029108),
-> (2030109, '2025-02-08 16:40:00', 'Product Purchase', 'GCash', 5001010, 'Completed', 2029109);

Query OK, 10 rows affected (0.045 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [SERFIT]> select * from transaction
-> ;
```

transID	transDate	transType	transPaymentMethod	transRefNo	transStatus	transStaff_id
2030100	2025-02-01 09:15:00	Membership Payment	Cash	5001001	Completed	2029100
2030101	2025-02-01 10:42:00	Product Purchase	Cash	5001002	Completed	2029101
2030102	2025-02-02 13:05:00	Personal Training Session	GCash	5001003	Completed	2029102
2030103	2025-02-03 08:55:00	Membership Renewal	GCash	5001004	Completed	2029103
2030104	2025-02-03 15:20:00	Supplement Purchase	Cash	5001005	Complete	2029104
2030105	2025-02-04 11:10:00	Product Purchase	Cash	5001006	Completed	2029105
2030106	2025-02-05 17:45:00	Product Purchase	GCash	5001007	Completed	2029106
2030107	2025-02-06 12:30:00	Membership Cancellation Refund	Cash	5001008	Refunded	2029107
2030108	2025-02-07 14:25:00	Membership Upgrade	Cash	5001009	Completed	2029108
2030109	2025-02-08 16:40:00	Product Purchase	GCash	5001010	Completed	2029109

Gym Equipment

MariaDB [SERTFIT]: INSERT INTO gym equipment VALUES

→ (2031100, 'Treadmill', 'Cardio Equipment', '200x60x150 cm', 'Zone A', 'NordicTrack', 1010, '2023-05-10', '2025-03-01', '2024-09-15', 85000, '2026-05-10', 'Operational', 2029101),

→ (2031101, 'Elliptical Machine', 'Cardio Equipment', '180x70x160 cm', 'Zone A', 'ProForm', 2021, '2023-06-20', '2025-04-15', '2024-10-01', 72000, '2026-06-20', 'Operational', 2029102),

→ (2031102, 'Stationary Bike', 'Cardio Equipment', '160x60x130 cm', 'Zone B', 'Schwinn', 2032, '2023-07-12', '2025-05-01', '2024-09-20', 45000, '2026-07-12', 'Operational', 2029103),

→ (2031103, 'Rowing Machine', 'Cardio Equipment', '210x55x90 cm', 'Zone B', 'Concept2', 4044, '2023-08-05', '2025-02-20', '2024-08-10', 60000, '2026-08-05', 'Under Maintenance', 2029104),

→ (2031104, 'Leg Press', 'Machine Equipment', '220x110x160 cm', 'Zone C', 'Body-Solid', 5055, '2023-09-10', '2025-06-01', '2024-10-05', 95000, '2026-09-10', 'Operational', 2029105),

→ (2031105, 'Chest Press', 'Machine Equipment', '200x100x150 cm', 'Zone C', 'Life Fitness', 6066, '2023-10-02', '2025-04-10', '2024-10-15', 80000, '2026-10-02', 'Operational', 2029106),

→ (2031106, 'Smith Machine', 'Machine Equipment', '230x120x210 cm', 'Zone D', 'Hammer Strength', 7077, '2023-10-20', '2025-07-25', '2024-11-10', 110000, '2026-10-20', 'Operational', 2029107),

→ (2031107, 'Dumbbell Rack', 'Free Weights', '250x60x100 cm', 'Zone D', 'Rogue Fitness', 8088, '2023-11-05', '2025-02-20', '2024-08-18', 40000, '2026-11-05', 'Operational', 2029107),

→ (2031108, 'Cable Crossover', 'Machine Equipment', '200x180x220 cm', 'Zone E', 'Technogym', 9099, '2023-12-01', '2025-05-30', '2024-11-10', 12000, '2026-12-01', 'Operational', 2029108),

→ (2031109, 'Bench Press', 'Free Weights', '180x70x120 cm', 'Zone E', 'Powerline', 1001, '2023-12-15', '2025-04-05', '2024-10-05', 125000, '2026-12-15', 'Operational', 2029109),

Query OK, 10 rows affected (0.060 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [SERTFIT]: select * from gym equipment ;

equipment_id	equipment_name	equipment_type	equipment_dimensions	equipment_location	equipment_brand	equipment_modelNum	equipment_purchaseDate	equipment_maintenanceDate	equipment_lastMaintenanceDate	equipment_price	equipment_warrantyExpirationDate	equip
2031100	Treadmill	Cardio Equipment	200x60x150 cm	Zone A	NordicTrack	1010	2023-05-10	2025-03-01	2024-09-15	85000	2026-05-10	Opera
2031101	Elliptical Machine	Cardio Equipment	180x70x160 cm	Zone A	ProForm	2021	2023-06-20	2025-04-15	2024-10-01	72000	2026-06-20	Opera
2031102	Stationary Bike	Cardio Equipment	160x60x130 cm	Zone B	Schwinn	2032	2023-07-12	2025-05-01	2024-09-20	45000	2026-07-12	Opera
2031103	Rowing Machine	Cardio Equipment	210x55x90 cm	Zone B	Concept2	4044	2023-08-05	2025-02-20	2024-08-10	60000	2026-08-05	Under
2031104	Leg Press	Machine Equipment	220x110x160 cm	Zone C	Body-Solid	5055	2023-09-10	2025-06-01	2024-11-05	95000	2026-09-10	Opera
2031105	Chest Press	Machine Equipment	200x100x150 cm	Zone C	Life Fitness	6066	2023-10-02	2025-04-10	2024-10-15	80000	2026-10-02	Opera
2031106	Smith Machine	Machine Equipment	230x120x210 cm	Zone D	Hammer Strength	7077	2023-10-20	2025-07-25	2024-09-25	110000	2026-10-20	Opera
2031107	Dumbbell Rack	Free Weights	250x60x100 cm	Zone D	Rogue Fitness	8088	2023-11-05	2025-02-20	2024-08-18	40000	2026-11-05	Opera
2031108	Cable Crossover	Machine Equipment	200x180x220 cm	Zone E	Technogym	9099	2023-12-01	2025-05-30	2024-11-10	120000	2026-12-01	Opera
2031109	Bench Press	Free Weights	180x70x120 cm	Zone E	Powerline	1001	2023-12-15	2025-04-05	2024-10-05	125000	2026-12-15	Opera

Workout Session

MariaDB [SERTFIT]: INSERT INTO workout session VALUES

→ (2032100, '2025-10-01', '08:00:00', '09:00:00', 'Personal Training', 500, 2026100, 2029101),

→ (2032101, '2025-10-01', '09:30:00', '10:30:00', 'Cardio Session', 300, 2026101, 2029102),

→ (2032102, '2025-10-02', '10:00:00', '11:00:00', 'Strength Training', 400, 2026102, 2029103),

→ (2032103, '2025-10-02', '11:30:00', '12:30:00', 'HIIT Workout', 350, 2026103, 2029104),

→ (2032104, '2025-10-03', '13:00:00', '14:00:00', 'Personal Training', 500, 2026104, 2029105),

→ (2032105, '2025-10-03', '14:30:00', '15:30:00', 'Personal Training', 500, 2026105, 2029106),

→ (2032106, '2025-10-04', '08:00:00', '09:00:00', 'CrossFit Training', 600, 2026106, 2029107),

→ (2032107, '2025-10-04', '09:30:00', '10:30:00', 'Train', 350, 2026107, 2029108),

→ (2032108, '2025-10-05', '10:00:00', '11:00:00', 'Strength Training', 400, 2026108, 2029109),

→ (2032109, '2025-10-05', '11:30:00', '12:30:00', 'Cardio Session', 300, 2026109, 2029100);

Query OK, 10 rows affected (0.017 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [SERTFIT]> select * from workout session ;

session_id	session_date	session_time_in	session_time_out	session_type	session_rate	member_id	staff_id
2032100	2025-10-01	08:00:00	09:00:00	Personal Training	500	2026100	2029101
2032101	2025-10-01	09:30:00	10:30:00	Cardio Session	300	2026101	2029102
2032102	2025-10-02	10:00:00	11:00:00	Strength Training	400	2026102	2029103
2032103	2025-10-02	11:30:00	12:30:00	HIIT Workout	350	2026103	2029104
2032104	2025-10-03	13:00:00	14:00:00	Personal Training	500	2026104	2029105
2032105	2025-10-03	14:30:00	15:30:00	Personal Training	500	2026105	2029106
2032106	2025-10-04	08:00:00	09:00:00	CrossFit Training	600	2026106	2029107
2032107	2025-10-04	09:30:00	10:30:00	Train	350	2026107	2029108
2032108	2025-10-05	10:00:00	11:00:00	Strength Training	400	2026108	2029109
2032109	2025-10-05	11:30:00	12:30:00	Cardio Session	300	2026109	2029100

Court Reservation

MariaDB [SERTFIT]> INSERT INTO workout session VALUES

→ (2032100, '2025-10-01', '08:00:00', '09:00:00', 'Personal Training', 500, 2026100, 2029101),

→ (2032101, '2025-10-01', '09:30:00', '10:30:00', 'Cardio Session', 300, 2026101, 2029102),

→ (2032102, '2025-10-02', '10:00:00', '11:00:00', 'Strength Training', 400, 2026102, 2029103),

→ (2032103, '2025-10-02', '11:30:00', '12:30:00', 'HIIT Workout', 350, 2026103, 2029104),

→ (2032104, '2025-10-03', '13:00:00', '14:00:00', 'Personal Training', 500, 2026104, 2029105),

→ (2032105, '2025-10-03', '14:30:00', '15:30:00', 'Personal Training', 500, 2026105, 2029106),

→ (2032106, '2025-10-04', '08:00:00', '09:00:00', 'CrossFit Training', 600, 2026106, 2029107),

→ (2032107, '2025-10-04', '09:30:00', '10:30:00', 'Train', 350, 2026107, 2029108),

→ (2032108, '2025-10-05', '10:00:00', '11:00:00', 'Strength Training', 400, 2026108, 2029109),

→ (2032109, '2025-10-05', '11:30:00', '12:30:00', 'Cardio Session', 300, 2026109, 2029100);

Query OK, 10 rows affected (0.017 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [SERTFIT]> SELECT * FROM court reservation ;

reserve_id	reserve_date	reserve_start_time	reserve_end_time	reserve_duration	reserve_contact_person	reserve_contact_num	reserve_status	reserve_notes	member_reserved_id
2033100	2025-10-01	08:00:00	09:00:00	1 Hour	Gabb Agot	09171234567	Confirmed	Morning badminton session.	2026100
2033101	2025-10-01	09:30:00	11:00:00	1.5 Hours	Christian Santos	09181234568	Confirmed	Basketball.	2026101
2033102	2025-10-02	10:00:00	11:20:00	1.5 Hours	Royce Lacuesta	09191234569	Pending	Awaiting payment confirmation.	2026102
2033103	2025-10-02	12:00:00	13:00:00	1 Hour	Hugh D. Jackman	09201234570	Cancelled	Member canceled due to scheduling conflict.	2026103
2033104	2025-10-03	14:00:00	15:30:00	1.5 Hours	Jane July	09211234571	Confirmed	Reserved for a volleyball match.	2026104
2033105	2025-10-03	16:00:00	17:00:00	1 Hour	April May	09221234572	Completed	Reservation successfully used.	2026105
2033106	2025-10-04	09:20:00	09:20:00	1 Hour	Si Benedict	09231234573	Confirmed	Morning training session.	2026106
2033107	2025-10-04	10:00:00	11:30:00	1.5 Hours	Flores Perez	09241234574	Completed	Used for small group practice.	2026107
2033108	2025-10-05	15:00:00	16:00:00	1 Hour	Ariana Thank you next?	09251234575	Pending	New reservation awaiting approval.	2026108
2033109	2025-10-05	17:00:00	18:30:00	1.5 Hours	May Sarono	09261234576	Confirmed	Evening court booking.	2026109

VI. References

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Facebook. (2016). Facebook.com.

<https://web.facebook.com/profile.php?id=61563889611659>

Specialization and Generalization in Extended ER Model. (2025). Tutorialspoint.com.

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Education

Asia Pacific College

Undergraduate in Bachelor of Science in Computer Science

National University – Mall of Asia

Senior High School Diploma

Domini Angelicus Integrated School

High School Diploma \ With Honors

Domini Angelicus Integrated School

Elementary Diploma \ With Honors

Experience

Junior Philippine Computer Society – Asia Pacific College

Membership Committee Director (SY 2025 – 2026)

Junior Philippine Computer Society – Asia Pacific College

Membership Committee Associate (SY 2024 – 2025)

Additional Certifications

- Fundamentals of Dynamic Programming
- Networking Basics
- Advanced Algorithmic Thinking with Python
- Certificate of Notion Essentials Quiz
- Foundations of Algorithmic Thinking with Python
- Agentblazer Workshop Completion Certificate
- Python Data Structures: Stacks, Deques, and Queues
- IBM SkillsBuild Explore Emerging Tech

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Education

Asia Pacific College

Undergraduate in Bachelor of Science in Computer Science

National University – Mall of Asia

Senior High School Diploma \ With Honors

Domini Angelicus Integrated School

High School Diploma \ With Honors

The Treehouse CDLC

Elementary Diploma \ With High Honors

Experience

Junior Philippine Computer Society – Asia Pacific College

Membership Committee Assistant Director (SY 2025 – 2026)

National University – Mall of Asia

School Representative for Brainiac: Clash of the Sci-Tech Champs (SY 2024 – 2025)

National University – Mall of Asia

Inter-strand Speech Competition (SY 2024 – 2025) – 1st Runner-up Award

Additional Certifications

- Database Foundations: Intro to Databases
- Python Data Structures and Algorithms
- Advanced Algorithmic Thinking with Python
- IBM SkillsBuild Explore Emerging Tech

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Education

Asia Pacific College

Undergraduate in Bachelor of Science in Computer Science \ SMFI Scholar

Pasay City National Science High School

Senior High School Diploma \ With Honors

Maranatha Christian Academy, Lipa

Junior High School Certificate \ With Honors

Maranatha Christian Academy, Lipa

Elementary Diploma \ Graduated Valedictorian

Experience

Asia Pacific College – Microsoft Community

Secretariat for Finance – Head (SY 2025 – 2026)

Finance Associate (SY 2024 – 2025)

Peer Facilitator

Logistics (SY 2025 – 2026)

Student Council - Maranatha Christian Academy, Lipa

SSG President (SY 2017 – 2018)

Rotaract Club of Asia Pacific College

Treasurer (SY 2025 – 2026)

APC BRIDGE

Public Relation Head (SY 2025 – 2026)

Additional Certifications

- Fundamentals of Dynamic Programming
- Advanced Algorithmic Thinking with Python
- Cisco Networking Basics
- IBM SkillsBuild Explore Emerging Tech
- Python Data Structures: Linked List

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Education

Asia Pacific College

Undergraduate in Bachelor of Science in Computer Science

Conperey Integrated Learning School Inc.

Senior High School Diploma \ With High Honors

Conperey Integrated Learning School Inc.

High School Diploma \ With High Honors

Conperey Integrated Learning School Inc.

Elementary Diploma \ With Honors

Experience

Junior Philippine Computer Society – Asia Pacific College

Marketing Officer (SY 2025 – 2026)

Information Communications Technology – Conperey Integrated Learning School Inc.

President (SY 2022 – 2023 and SY 2023 – 2024)

Additional Certifications

- Python Data Structures
- Advanced Algorithmic Thinking
- IBM SkillsBuild Explore Emerging Tech
- Agentblazer Workshop Completion Certificate
- Cisco Networking Basics