# Section III: Database Implementation

## 3.1 Physical Database Design

## 3.1.1 DDL SQL: Write SQL to CREATE DATABASE and Table

**CREATE DATABASE LIFETIME\_FITNESS;**

**Membership**

CREATE TABLE Membership (

planID int(50) NOT NULL,

planName varchar(20) NOT NULL,

membershipRate float(50) NOT NULL,

signUpFee float(20) NOT NULL,

durationMonths int(5) NOT NULL,

planType varchar(10) NOT NULL,

CONSTRAINT planID\_PK1 PRIMARY KEY(planID));

**MEMBER**

CREATE TABLE Member (

memberID int(50) NOT NULL,

memberFirstName varchar(20) NOT NULL,

memberLastName varchar(20) NOT NULL,

DOB date NOT NULL,

phoneNumber varchar(20) NOT NULL,

emailAddress varchar(20) NOT NULL,

userName varchar(20) AS (memberFirstName),

joinDate date NOT NULL,

planID int(50) NOT NULL,

aptNo varchar(20) NOT NULL,

street varchar(20) NOT NULL,

city varchar(20) NOT NULL,

state varchar(20) NOT NULL,

zip varchar(20) NOT NULL,

CONSTRAINT memberID\_PK2 PRIMARY KEY(memberID),

CONSTRAINT planID\_FK1 FOREIGN KEY(planID) REFERENCES membership(planID));

**GYM MEMBERSHIP**

CREATE TABLE GYM\_Membership (

gplanID int(50) NOT NULL,

equipmentSeries varchar(20) NOT NULL,

floorNo int(10) NOT NULL,

CONSTRAINT gplanID\_PK3 PRIMARY KEY(gplanID),

CONSTRAINT planID\_FK2 FOREIGN KEY(gplanID) REFERENCES membership(planID));

**SPA MEMBERSHIP**

CREATE TABLE SPA\_Membership (

splanID int(50) NOT NULL,

service varchar(20) NOT NULL,

CONSTRAINT splanID\_PK4 PRIMARY KEY(splanID),

CONSTRAINT planID\_FK3 FOREIGN KEY(splanID) REFERENCES membership(planID));

**WORKOUT SESSION**

CREATE TABLE Workout\_Session (

workoutID int(50) NOT NULL,

workoutTime varchar(15) NOT NULL,

duration int(2) NOT NULL,

days varchar(15) NOT NULL,

description varchar(50) NOT NULL,

workoutType varchar(50) NOT NULL,

CONSTRAINT workoutID\_PK5 PRIMARY KEY(workoutID));

**GROUP CLASS**

CREATE TABLE Group\_Class (

gworkoutID int(50) NOT NULL,

className varchar(20) NOT NULL,

classSize int(5) NOT NULL,

roomNumber int(5) NOT NULL,

CONSTRAINT gworkoutID\_PK6 PRIMARY KEY(gworkoutID),

CONSTRAINT workoutID\_FK4 FOREIGN KEY(gworkoutID) REFERENCES workout\_session(workoutID));

**INDIVIDUAL SESSION**

CREATE TABLE Individual\_Session (

iworkoutID int(50) NOT NULL,

roomName varchar(20) NOT NULL,

CONSTRAINT iworkoutID\_PK7 PRIMARY KEY(iworkoutID),

CONSTRAINT workoutID\_FK5 FOREIGN KEY(iworkoutID) REFERENCES workout\_session(workoutID));

**RESERVATION**

CREATE TABLE Reservation (

reservationID int(50) NOT NULL,

reservationDate date NOT NULL,

memberID int(50) NOT NULL,

workoutID int(50) NOT NULL,

CONSTRAINT reservationID\_PK8 PRIMARY KEY(reservationID),

CONSTRAINT workoutID\_FK6 FOREIGN KEY(workoutID) REFERENCES workout\_session(workoutID),

CONSTRAINT memberID\_FK7 FOREIGN KEY(memberID) REFERENCES member(memberID));

**TRAINER**

CREATE TABLE Trainer (

trainerID int(50) NOT NULL,

trainerName varchar(100) NOT NULL,

phoneNumber varchar(50) NOT NULL,

emailAddress varchar(50) NOT NULL,

address varchar(150) NOT NULL,

salary float(10) NOT NULL,

joinDate date NOT NULL,

sessionID int(50) NOT NULL,

CONSTRAINT trainerID\_PK9 PRIMARY KEY(trainerID),

CONSTRAINT workoutID\_FK8 FOREIGN KEY(sessionID) REFERENCES workout\_session(workoutID));

**CANCELLATION**

CREATE TABLE Cancellation (

cancellationID int(50) NOT NULL,

cancellationDate date NOT NULL,

reason varchar(150) NOT NULL,

finalDecision varchar(100) DEFAULT NULL,

memberID int(50) NOT NULL,

CONSTRAINT cancellationID\_PK10 PRIMARY KEY(cancellationID),

CONSTRAINT memberID\_FK9 FOREIGN KEY(memberID) REFERENCES member(memberID));

**RATE CHART**

CREATE TABLE Rate\_Chart (

rateID int(50) NOT NULL,

revisedMembershipRate float(50) NOT NULL,

revisedPlan varchar(10) NOT NULL,

planID int(50) NOT NULL,

CONSTRAINT rateID\_PK11 PRIMARY KEY(rateID),

CONSTRAINT planID\_FK10 FOREIGN KEY(planID) REFERENCES membership(planID));

**RATE CANCELLATION**

CREATE TABLE Rate\_Cancellation (

rCancellationID int(50) NOT NULL,

preferredRate float NOT NULL,

rateID int(50) NOT NULL,

CONSTRAINT rCancellationID\_PK12 PRIMARY KEY(rCancellationID),

CONSTRAINT rateID\_FK11 FOREIGN KEY(rateID) REFERENCES rate\_chart(rateID));

**MANAGER**

CREATE TABLE Manager (

managerID int(50) NOT NULL,

managerName varchar(20) NOT NULL,

contactNumber varchar(20) NOT NULL,

email varchar(20) NOT NULL,

CONSTRAINT managerID\_PK13 PRIMARY KEY(managerID));

**DISSATISFACTION CANCELLATION**

CREATE TABLE Dissatisfaction\_Cancellation (

dCancellationID int(50) NOT NULL,

message varchar(200) NOT NULL,

managerID int(50) NULL,

CONSTRAINT dCancellationID\_PK14 PRIMARY KEY(dCancellationID),

CONSTRAINT managerID\_FK12 FOREIGN KEY(managerID) REFERENCE manager(managerID));

**GYM LOCATION**

CREATE TABLE Gym\_Location (

locationID int(50) NOT NULL,

locationName varchar(200) NOT NULL,

state varchar(200) NOT NULL,

zipcode int(20) NOT NULL,

CONSTRAINT locationID\_PK15 PRIMARY KEY(locationID));

**MOVE CANCELLATION**

CREATE TABLE Move\_Cancellation (

mCancellationID int(50) NOT NULL,

newLocationName varchar(200) NOT NULL,

newZipCode int(20) NOT NULL,

locationID int(50) NULL,

CONSTRAINT mCancellationID\_PK16 PRIMARY KEY(mCancellationID),

CONSTRAINT locationID\_FK13 FOREIGN KEY(locationID) REFERENCES gym\_location(locationID));

**TRANSFER**

CREATE TABLE Transfer (

transferID int(50) NOT NULL,

agreement varchar(200) NOT NULL,

moveDate Date NOT NULL,

locationID int(50) NULL,

CONSTRAINT transferID\_PK17 PRIMARY KEY(transferID),

CONSTRAINT locationID\_FK14 FOREIGN KEY(locationID) REFERENCES gym\_location(locationID));

## 

*Figure 5: Lifetime Fitness database and tables created*

## 3.1.2 CREATE VIEWS and STORED PROCEDURE

**RATE ANALYSIS**

CREATE VIEW rateAnalysis

AS SELECT M.memberID, M.memberFirstName, C.reason,

MS.planName, MS.membershipRate, R.preferredRate, RC.revisedMembershipRate, RC.revisedPlan, C.finalDecision

FROM member AS M INNER JOIN cancellation AS C ON M.memberID=C.memberID

INNER JOIN membership AS MS ON M.planID=MS.planID

INNER JOIN rate\_chart AS RC ON MS.planID=RC.planID

INNER JOIN rate\_cancellation AS R ON R.rateID=RC.rateID

AND C.reason="Rate";

**SERVICE ANALYSIS**

CREATE VIEW serviceAnalysis

AS SELECT M.memberID, M.memberFirstName, C.reason,

MS.planName, D.message, MA.managerName, MA.email, MA.contactNumber, C.finalDecision

FROM member AS M INNER JOIN cancellation AS C ON M.memberID=C.memberID

INNER JOIN membership AS MS ON M.planID=MS.planID

INNER JOIN dissatisfaction\_cancellation AS D ON D.dCancellationID=C.cancellationID

INNER JOIN manager AS MA ON MA.managerID=D.managerID

AND C.reason="Dissatisfaction";

**LOCATION ANALYSIS**

CREATE VIEW locationAnalysis

AS SELECT M.memberID, M.memberFirstName, C.reason,

MS.planName, L.newZipCode, L.newLocationName, GL.state,GL.locationName, C.finalDecision

FROM member AS M INNER JOIN cancellation AS C ON M.memberID=C.memberID

INNER JOIN membership AS MS ON M.planID=MS.planID

INNER JOIN move\_cancellation AS L ON L.mCancellationID=C.cancellationID

INNER JOIN gym\_location AS GL ON GL.locationID=L.locationID

AND C.reason="Move";

**STORED PROCEDURE- GYM OPERATIONS**

DELIMITER $$

CREATE PROCEDURE LIFETIME\_FITNESS.SP\_TRAINER\_PERFORMANCE1

(IN DMESSAGE VARCHAR(200))

BEGIN

SELECT M.userName, MS.planName, M.joinDate, MS.planType, C.cancellationDate, D.message, R.reservationDate, W.description,W.workoutType,

T.trainerName,T.joinDate,T.phoneNumber,T.salary

FROM member AS M INNER JOIN membership AS MS ON M.planID=MS.planID

LEFT JOIN cancellation AS C ON C.memberID=M.memberID

LEFT JOIN dissatisfaction\_cancellation AS D ON D.dCancellationID=C.cancellationID

LEFT JOIN reservation AS R ON R.memberID=M.memberID

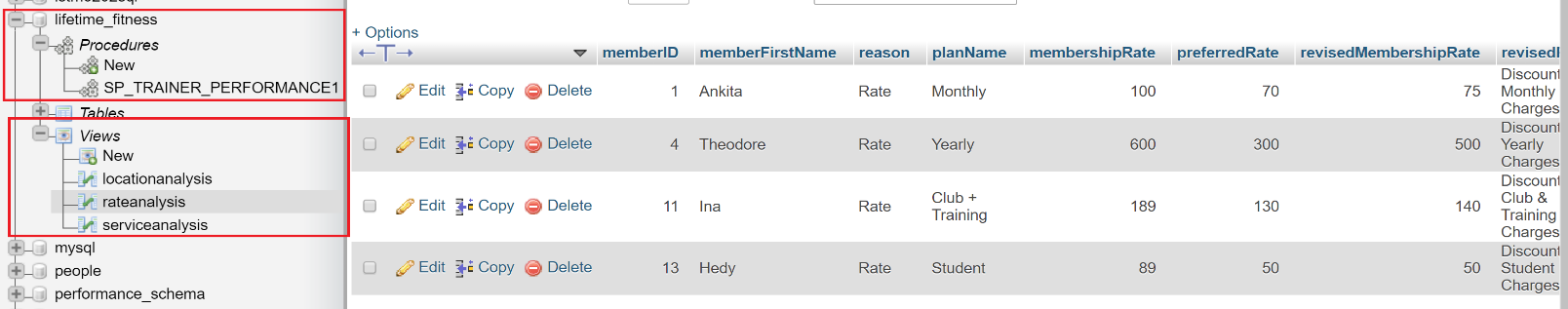
LEFT JOIN workout\_session AS W ON W.workoutID=R.workoutID

LEFT JOIN TRAINER AS T ON T.sessionID=W.workoutID

WHERE D.message=DMESSAGE;

END$$

DELIMITER ;



*Figure 6: Lifetime Fitness views and stored procedure created*

## 3.2 CREATE DATABASE

## 3.2.1 DML SQL: Write SQL to INSERT data INTO TABLE

**MEMBERSHIP (10 Records)**

INSERT INTO Membership(planID,planName,membershipRate,signUpFee,durationMonths, planType) VALUES (1,'Monthly',100,50,1,'Gym and Spa');

INSERT INTO Membership(planID,planName,membershipRate,signUpFee,durationMonths, planType) VALUES (2,'Quarterly',250,50,3,'Gym and Spa');

INSERT INTO Membership(planID,planName,membershipRate,signUpFee,durationMonths, planType) VALUES (3,'Yearly',600,150,12,'Gym and Spa');

INSERT INTO Membership(planID,planName,membershipRate,signUpFee,durationMonths, planType) VALUES (4,'Spa Access',200,50,6,'Spa');

INSERT INTO Membership(planID,planName,membershipRate,signUpFee,durationMonths, planType) VALUES (5,'Club Access',99,50,1,'Gym and Spa');

INSERT INTO Membership(planID,planName,membershipRate,signUpFee,durationMonths, planType) VALUES (6,'Club + Training',189,50,1,'Gym');

INSERT INTO Membership(planID,planName,membershipRate,signUpFee,durationMonths, planType) VALUES (7,'26 & Under',89,50,1,'Gym');

INSERT INTO Membership(planID,planName,membershipRate,signUpFee,durationMonths, planType) VALUES (8,'Student',89,50,1,'Gym and Spa');

INSERT INTO Membership(planID,planName,membershipRate,signUpFee,durationMonths, planType) VALUES (9,'Couple',80,40,1,'Gym and Spa');

INSERT INTO Membership(planID,planName,membershipRate,signUpFee,durationMonths, planType) VALUES (10,'Family',150,60,1,'Gym and Spa');

**MEMBER (15 Records)**

INSERT INTO Member(memberID,memberFirstName,memberLastName,DOB,phoneNumber,emailAddress,joinDate,planID,aptNo,street,city,state,zip) VALUES(1,'Ankita','Singh','1960-07-30','(257) 563-7401','abc@gmail.com','2018-01-01',1,'111','711-2880 Nulla St.','Mankato','Mississippi','96522');

INSERT INTO Member(memberID,memberFirstName,memberLastName,DOB,phoneNumber,emailAddress,joinDate,planID,aptNo,street,city,state,zip) VALUES(2,'Iris','Watson','1961-07-30','(372) 587-2335','def@gmail.com','2016-03-02',1,'P.O. Box 283','Fusce Rd.','Frederick','Nebraska','20620');

INSERT INTO Member(memberID,memberFirstName,memberLastName,DOB,phoneNumber,emailAddress,joinDate,planID,aptNo,street,city,state,zip) VALUES(3,'Celeste','Slater','1990-04-12','(786) 713-8616','ghi@gmail.com','2019-04-12',2,'606-3727','Ullamcorper. Street','Roseville','NH','11523');

INSERT INTO Member(memberID,memberFirstName,memberLastName,DOB,phoneNumber,emailAddress,joinDate,planID,aptNo,street,city,state,zip) VALUES(4,'Theodore','Lowe','2000-12-01','(793) 151-6230','Lowe@gmail.com','2015-03-05',3,'Ap #867-859','Sit Rd.','Azusa','New York','39531');

INSERT INTO Member(memberID,memberFirstName,memberLastName,DOB,phoneNumber,emailAddress,joinDate,planID,aptNo,street,city,state,zip) VALUES(5,'Calista','Wise','1998-03-09','(492) 709-6392','wise@gmail.com','2019-05-12',7,'7292','Dictum Av.','San Antonio','MI','47096');

INSERT INTO Member(memberID,memberFirstName,memberLastName,DOB,phoneNumber,emailAddress,joinDate,planID,aptNo,street,city,state,zip) VALUES(6,'Kyla','Olsen','1985-02-22','(654) 393-5734','olsen@gmail.com','2019-03-05',10,'Ap #651-8679','Sodales Av.','Tamuning','PA','10855');

INSERT INTO Member(memberID,memberFirstName,memberLastName,DOB,phoneNumber,emailAddress,joinDate,planID,aptNo,street,city,state,zip) VALUES(7,'Forrest','Ray','1995-05-20','(404) 960-3807','ray@gmail.com','2019-05-23',8,'191-103',' Integer Rd.','Corona','New Mexico','8219');

INSERT INTO Member(memberID,memberFirstName,memberLastName,DOB,phoneNumber,emailAddress,joinDate,planID,aptNo,street,city,state,zip) VALUES(8,'Hiroko','Potter','1993-06-13','(314) 244-6306','potter@gmail.com','2018-02-04',9,'P.O. Box 887 2508','Dolor. Av.','Muskegon','KY','12482');

INSERT INTO Member(memberID,memberFirstName,memberLastName,DOB,phoneNumber,emailAddress,joinDate,planID,aptNo,street,city,state,zip) VALUES(9,'Nyssa','Vazquez','2001-01-01','(947) 278-5929','nya@gmail.com','2018-04-07',4,'511-5762','At Rd.','Chelsea','MI','67708');

INSERT INTO Member(memberID,memberFirstName,memberLastName,DOB,phoneNumber,emailAddress,joinDate,planID,aptNo,street,city,state,zip) VALUES(10,'Lawrence','Moreno','1999-10-23','(684) 579-1879','moreno@gmail.com','2017-12-12',5,'935-9940','Tortor. Street','Santa Rosa','MN','98804');

INSERT INTO Member(memberID,memberFirstName,memberLastName,DOB,phoneNumber,emailAddress,joinDate,planID,aptNo,street,city,state,zip) VALUES(11,'Ina','Moran','1989-03-14','(389) 737-2852','ina@gmail.com','2018-03-14',6,'P.O. Box 929 4189','Nunc Road','Lebanon','KY','69409');

INSERT INTO Member(memberID,memberFirstName,memberLastName,DOB,phoneNumber,emailAddress,joinDate,planID,aptNo,street,city,state,zip) VALUES(12,'Aaron','Hawkins','1989-04-01','(660) 663-4518','hawk@gmail.com','2019-04-05',8,'5587','Nunc. Avenue','Erie','Rhode Island','24975');

INSERT INTO Member(memberID,memberFirstName,memberLastName,DOB,phoneNumber,emailAddress,joinDate,planID,aptNo,street,city,state,zip) VALUES(13,'Hedy','Greene','1990-09-26','(608) 265-2215','greene@gmail.com','2017-02-12',8,'Ap #696-3279','Viverra. Avenue','Latrobe','DE','38100');

INSERT INTO Member(memberID,memberFirstName,memberLastName,DOB,phoneNumber,emailAddress,joinDate,planID,aptNo,street,city,state,zip) VALUES(14,'Melvin','Porter','1994-06-11','(959) 119-8364','porter@gmail.com','2018-02-12',8,'P.O. Box 132 1599','Curabitur Rd.','Bandera','South Dakota','45149');

INSERT INTO Member(memberID,memberFirstName,memberLastName,DOB,phoneNumber,emailAddress,joinDate,planID,aptNo,street,city,state,zip) VALUES(15,'Keefe','Sellers','1996-07-30','(468) 353-2641','seller@gmail.com','2019-12-23',7,'347-7666','Iaculis St.','Woodruff','SC','49854');

**GYM MEMBERSHIP (9 Records)**

INSERT INTO gym\_membership(gplanID,equipmentSeries,floorNo) VALUES(1,'1-20',1);

INSERT INTO gym\_membership(gplanID,equipmentSeries,floorNo) VALUES(2,'21-26',2);

INSERT INTO gym\_membership(gplanID,equipmentSeries,floorNo) VALUES(3,'27-31',1);

INSERT INTO gym\_membership(gplanID,equipmentSeries,floorNo) VALUES(5,'32-36',2);

INSERT INTO gym\_membership(gplanID,equipmentSeries,floorNo) VALUES(6,'37-40',1);

INSERT INTO gym\_membership(gplanID,equipmentSeries,floorNo) VALUES(7,'41-45',2);

INSERT INTO gym\_membership(gplanID,equipmentSeries,floorNo) VALUES(8,'46-48',1);

INSERT INTO gym\_membership(gplanID,equipmentSeries,floorNo) VALUES(9,'49-51',2);

INSERT INTO gym\_membership(gplanID,equipmentSeries,floorNo) VALUES(10,'52-54',1);

**SPA MEMBERSHIP (8 Records)**

INSERT INTO spa\_membership(splanID,service) VALUES(1,'Massage-Time Based');

INSERT INTO spa\_membership(splanID,service) VALUES(2,'Nail Care-Time Based');

INSERT INTO spa\_membership(splanID,service) VALUES(3,'Hair Care-Time Based');

INSERT INTO spa\_membership(splanID,service) VALUES(4,'Skin Care-Time Based');

INSERT INTO spa\_membership(splanID,service) VALUES(5,'Massage-Guest Based');

INSERT INTO spa\_membership(splanID,service) VALUES(8,'Me-Time-Time Based');

INSERT INTO spa\_membership(splanID,service) VALUES(9,'Nail Care- Guest Based');

INSERT INTO spa\_membership(splanID,service) VALUES(10,'Hair Care-Guest Based');

**WORKOUT SESSION (26 Records)**

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(1,'5:30 AM',1,'Monday','PWR Cycle','Group Class');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(2,'7:15 AM',0.75,'Monday','H.I.I.T','Group Class');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(3,'8:30 AM',0.75,'Monday','Barbell Strength','Group Class');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(4,'9:30 AM',1,'Monday','SOL','Group Class');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(5,'9:45 AM',0.75,'Monday','EDG Cycle','Group Class');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(6,'10 AM',0.5,'Monday','Discover Pilates','Group Class');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(7,'11 AM',1,'Monday','Surrender','Group Class');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(8,'5:30 PM',0.75,'Monday','Zumba','Group Class');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(9,'7 PM',1,'Monday','Surrender','Group Class');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(10,'7:15 AM',0.75,'Tuesday','SHRED','Group Class');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(11,'8:30 AM',0.75,'Tuesday','EDG Sculpt','Group Class');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(12,'8:30 AM',1,'Tuesday','Pilates Fusion','Group Class');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(13,'9:30 AM',1,'Tuesday','Strictly Strength','Group Class');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(14,'10:00 AM',1,'Tuesday','Life Barre','Individual Session');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(15,'11:00 AM',0.75,'Tuesday','Core Pilates','Individual Session');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(16,'4:45 PM',1,'Tuesday','ROOT','Individual Session');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(17,'5:00 PM',1,'Tuesday','GTX Conditioning','Individual Session');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(18,'7:00 PM',1,'Tuesday','Dance','Individual Session');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(19,'7:00 PM',1,'Tuesday','Flow Guided','Individual Session');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(20,'5:30 AM',1,'Wednesday','PWR Cycle','Individual Session');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(21,'8:30 AM',0.75,'Wednesday','Barbell Strength','Individual Session');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(22,'9:30 AM',1,'Wednesday','ROOT','Individual Session');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(23,'10:30 AM',1,'Wednesday','SURRENDER','Individual Session');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(24,'4:30 AM',2,'Wednesday','Zumba','Group Class');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(25,'5:30 PM',1,'Wednesday','Tabata','Group Class');

INSERT INTO workout\_session(workoutID,workoutTime,duration,days,description,workoutType) VALUES(26,'6:30 PM',1,'Wednesday','C.R.T.','Individual Session');

**GROUP CLASS (13 Records)**

INSERT INTO group\_class(gworkoutID,className,classSize,roomNumber) VALUES(1,'Group PWR',10,1);

INSERT INTO group\_class(gworkoutID,className,classSize,roomNumber) VALUES(2,'Group H.I.I.T',10,2);

INSERT INTO group\_class(gworkoutID,className,classSize,roomNumber) VALUES(3,'Group Strength',20,3);

INSERT INTO group\_class(gworkoutID,className,classSize,roomNumber) VALUES(4,'Group SOL',15,4);

INSERT INTO group\_class(gworkoutID,className,classSize,roomNumber) VALUES(5,'Group EDG Cycle',13,5);

INSERT INTO group\_class(gworkoutID,className,classSize,roomNumber) VALUES(6,'Group Pilates',12,6);

INSERT INTO group\_class(gworkoutID,className,classSize,roomNumber) VALUES(7,'Group Yoga',23,1);

INSERT INTO group\_class(gworkoutID,className,classSize,roomNumber) VALUES(8,'Group Zumba',11,2);

INSERT INTO group\_class(gworkoutID,className,classSize,roomNumber) VALUES(9,'Meditation',23,3);

INSERT INTO group\_class(gworkoutID,className,classSize,roomNumber) VALUES(10,'Group SHRED',12,4);

INSERT INTO group\_class(gworkoutID,className,classSize,roomNumber) VALUES(11,'Group Sculpt',12,5);

INSERT INTO group\_class(gworkoutID,className,classSize,roomNumber) VALUES(12,'Group Pilates Fusion',23,6);

INSERT INTO group\_class(gworkoutID,className,classSize,roomNumber) VALUES(13,'Group Strength',12,1);

**INDIVIDUAL SESSION (11 Records)**

INSERT INTO individual\_session(iworkoutID,roomName) VALUES(14,'Studio One');

INSERT INTO individual\_session(iworkoutID,roomName) VALUES(15,'Pilates Room');

INSERT INTO individual\_session(iworkoutID,roomName) VALUES(16,'Yoga Studio');

INSERT INTO individual\_session(iworkoutID,roomName) VALUES(17,'GTX Space');

INSERT INTO individual\_session(iworkoutID,roomName) VALUES(18,'Studio 1');

INSERT INTO individual\_session(iworkoutID,roomName) VALUES(19,'Yoga Studio');

INSERT INTO individual\_session(iworkoutID,roomName) VALUES(20,'Cycle Studio');

INSERT INTO individual\_session(iworkoutID,roomName) VALUES(21,'Studio 2');

INSERT INTO individual\_session(iworkoutID,roomName) VALUES(22,'Outdoors');

INSERT INTO individual\_session(iworkoutID,roomName) VALUES(23,'Yoga Studio');

INSERT INTO individual\_session(iworkoutID,roomName) VALUES(26,'Fitness Floor');

**RESERVATION (17 Records)**

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(1,'2020-10-05',1,1);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(2,'2020-10-05',2,2);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(3,'2020-10-05',3,3);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(4,'2020-10-05',3,4);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(5,'2020-10-05',3,4);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(6,'2020-10-05',3,4);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(7,'2020-10-05',4,5);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(8,'2020-10-05',5,6);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(9,'2020-10-05',6,7);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(10,'2020-10-05',7,8);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(11,'2020-10-05',8,9);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(12,'2020-10-06',10,10);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(13,'2020-10-06',11,11);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(14,'2020-10-06',12,12);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(15,'2020-10-06',13,14);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(16,'2020-10-06',14,13);

INSERT INTO reservation(reservationID,reservationDate,memberID,workoutID) VALUES(17,'2020-10-06',15,16);

**TRAINER ((11 Records)**

INSERT INTO TRAINER(trainerID,trainerName,phoneNumber,emailAddress,address,salary,joinDate,sessionID) VALUES(2,'Tamara Howe','(655) 840-6139','we3@gmail.com','3415 Lobortis. Avenue Rocky Mount WA 48580',4300,'2016-10-06',1);

INSERT INTO TRAINER(trainerID,trainerName,phoneNumber,emailAddress,address,salary,joinDate,sessionID) VALUES(3,'Keegan Blair','(577) 333-6244','kee@gmail.com','Ap #761-2515 Egestas. Rd. Manitowoc TN 07528',4300,'2016-11-03',2);

INSERT INTO TRAINER(trainerID,trainerName,phoneNumber,emailAddress,address,salary,joinDate,sessionID) VALUES(4,'Keaton Underwood','(564) 908-6970','keaton@gmail.com','p #636-8082 Arcu Avenue Thiensville Maryland 19587',5000,'2017-04-03',3);

INSERT INTO TRAINER(trainerID,trainerName,phoneNumber,emailAddress,address,salary,joinDate,sessionID) VALUES(5,'Nasim Strong','(437) 994-5270','nasim@gmail.com','Ap #630-3889 Nulla. Street Watervliet Oklahoma 70863',5500,'2018-05-23',3);

INSERT INTO TRAINER(trainerID,trainerName,phoneNumber,emailAddress,address,salary,joinDate,sessionID) VALUES(6,'Pascale Patton','(676) 334-2174','pas@gmail.com','P.O. Box 399 4275 Amet Street West Allis NC 36734',5000,'2019-01-20',4);

INSERT INTO TRAINER(trainerID,trainerName,phoneNumber,emailAddress,address,salary,joinDate,sessionID) VALUES(7,'Ivor Delgado','(689) 721-5145','ivor@gmail.com','Ap #310-1678 Ut Av. Santa Barbara MT 88317',4000,'2020-02-13',5);

INSERT INTO TRAINER(trainerID,trainerName,phoneNumber,emailAddress,address,salary,joinDate,sessionID) VALUES(9,'Jordan Calderon','(427) 930-5255','jordan@gmail.com','430-985 Eleifend St. Duluth Washington 92611',5000,'2016-06-03',6);

INSERT INTO TRAINER(trainerID,trainerName,phoneNumber,emailAddress,address,salary,joinDate,sessionID) VALUES(10,'Zorita Anderson','(126) 940-2753','zor@gmail.com','1964 Facilisis Avenue Bell Gardens Texas 87065',5500,'2017-04-12',7);

INSERT INTO TRAINER(trainerID,trainerName,phoneNumber,emailAddress,address,salary,joinDate,sessionID) VALUES(11,'Sade Higgins','(422) 517-6053','sade@gmail.com','Ap #287-3260 Ut St. Wilmington OR 05182',4000,'2018-05-08',8);

INSERT INTO TRAINER(trainerID,trainerName,phoneNumber,emailAddress,address,salary,joinDate,sessionID) VALUES(12,'Dante Bennett','(840) 987-9449','dante@gmail.com','481-8762 Nulla Street Dearborn OR 62401',4500,'2018-07-08',9);

**CANCELLATION (10 Records)**

INSERT INTO Cancellation(cancellationID,cancellationDate,reason,finalDecision,memberID) VALUES(1,'2020-11-01','Rate','Yes, Cancel Membership',1);

INSERT INTO Cancellation(cancellationID,cancellationDate,reason,finalDecision,memberID) VALUES(2,'2020-11-02','Dissatisfaction','No, Continue Membership',2);

INSERT INTO Cancellation(cancellationID,cancellationDate,reason,finalDecision,memberID) VALUES(3,'2020-11-02','Move','Yes, Cancel Membership',3);

INSERT INTO Cancellation(cancellationID,cancellationDate,reason,finalDecision,memberID) VALUES(4,'2020-11-03','Rate','No, Continue Membership',4);

INSERT INTO Cancellation(cancellationID,cancellationDate,reason,finalDecision,memberID) VALUES(5,'2020-11-04','Dissatisfaction','No, Continue Membership',5);

INSERT INTO Cancellation(cancellationID,cancellationDate,reason,finalDecision,memberID) VALUES(6,'2020-11-04','Move','No, Continue Membership',6);

INSERT INTO Cancellation(cancellationID,cancellationDate,reason,finalDecision,memberID) VALUES(7,'2020-11-06','Dissatisfaction','Yes, Cancel Membership',10);

INSERT INTO Cancellation(cancellationID,cancellationDate,reason,finalDecision,memberID) VALUES(8,'2020-11-07','Rate','No, Continue Membership',11);

INSERT INTO Cancellation(cancellationID,cancellationDate,reason,finalDecision,memberID) VALUES(9,'2020-11-08','Dissatisfaction','Yes, Cancel Membership',12);

INSERT INTO Cancellation(cancellationID,cancellationDate,reason,finalDecision,memberID) VALUES(10,'2020-11-09','Rate','No, Continue Membership',13);

**RATE CHART (10 Records)**

INSERT INTO rate\_chart(rateID,revisedMembershipRate,revisedPlan,planID) VALUES(1,75,'Discounted Monthly Charges',1);

INSERT INTO rate\_chart(rateID,revisedMembershipRate,revisedPlan,planID) VALUES(2,200,'Discounted Quarterly Charges',2);

INSERT INTO rate\_chart(rateID,revisedMembershipRate,revisedPlan,planID) VALUES(3,500,'Discounted Yearly Charges',3);

INSERT INTO rate\_chart(rateID,revisedMembershipRate,revisedPlan,planID) VALUES(4,150,'Discounted Spa Charges',4);

INSERT INTO rate\_chart(rateID,revisedMembershipRate,revisedPlan,planID) VALUES(5,50,'Discounted Club Access Charges',5);

INSERT INTO rate\_chart(rateID,revisedMembershipRate,revisedPlan,planID) VALUES(6,140,'Discounted Club & Training Charges',6);

INSERT INTO rate\_chart(rateID,revisedMembershipRate,revisedPlan,planID) VALUES(7,50,'Discounted 26& Under Charges',7);

INSERT INTO rate\_chart(rateID,revisedMembershipRate,revisedPlan,planID) VALUES(8,50,'Discounted Student Charges',8);

INSERT INTO rate\_chart(rateID,revisedMembershipRate,revisedPlan,planID) VALUES(9,50,'Discounted Couple Charges',9);

INSERT INTO rate\_chart(rateID,revisedMembershipRate,revisedPlan,planID) VALUES(11,100,'Discounted Family Charges',10);

**RATE CANCELLATION (4 Records)**

INSERT INTO rate\_cancellation(rCancellationID,preferredRate,rateID) VALUES(1,70,1);

INSERT INTO rate\_cancellation(rCancellationID,preferredRate,rateID) VALUES(4,300,3);

INSERT INTO rate\_cancellation(rCancellationID,preferredRate,rateID) VALUES(8,130,6);

INSERT INTO rate\_cancellation(rCancellationID,preferredRate,rateID) VALUES(10,50,8);

**MANAGER (5 Records)**

INSERT INTO Manager(managerID,managerName,contactNumber,email) VALUES(1,'Daniel Malone','(360) 669-3923','dan@gmail.com');

INSERT INTO Manager(managerID,managerName,contactNumber,email) VALUES(2,'Emerson Espinoza','(873) 392-8802','emerson@gmail.com');

INSERT INTO Manager(managerID,managerName,contactNumber,email) VALUES(3,'Elmo Lopez','(295) 983-3476','elmo@gmail.com');

INSERT INTO Manager(managerID,managerName,contactNumber,email) VALUES(4,'Aaron Trujillo','(983) 632-8597','aaron@gmail.com');

INSERT INTO Manager(managerID,managerName,contactNumber,email) VALUES(5,'Liberty Walton','(581) 379-7573','liberty@gmail.com');

**DISSATISFACTION CANCELLATION (4 Records)**

INSERT INTO dissatisfaction\_cancellation(dCancellationID,message,managerID) VALUES(2,'Billing Issue',1);

INSERT INTO dissatisfaction\_cancellation(dCancellationID,message,managerID) VALUES(5,'Problems with the Service',2);

INSERT INTO dissatisfaction\_cancellation(dCancellationID,message,managerID) VALUES(7,'Problems with the Product',3);

INSERT INTO dissatisfaction\_cancellation(dCancellationID,message,managerID) VALUES(9,'Training Issue',4);

**GYM LOCATION (57 Records)**

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(1,'Vestavia Hills','Alabama',35243);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(2,'Biltmore','Arizona',85016);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(3,'Happy Valley-Peoria','Arizona',85383);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(4,'Palm Valley','Arizona',85395);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(5,'Tempe','Arizona',85284);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(6,'Gilbert','Arizona',85296);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(7,'North Scottsdale','Arizona',85054);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(8,'Folsom','California',95630);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(9,'Laguna Niguel','California',92677);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(10,'Roseville','California',95661);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(11,'La Jolla','California',92037);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(12,'Rancho San Clemente','California',92672);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(13,'Centennial','Colarado',80122);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(14,'Cherry Creek','Colarado',80246);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(15,'Flatirons','Colarado',80021);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(16,'Westminster','Colarado',80020);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(17,'Centennial Tennis','Colarado',80122);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(18,'Colarado Springs','Colarado',80920);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(19,'Parker-Aurora','Colarado',80138);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(20,'Boca Baton','Florida',33431);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(21,'Life Time Living Coral Gables','Florida',33133);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(22,'Palm Beach Gardens','Florida',33410);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(23,'Coral Gables','Florida',33146);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(24,'Tampa','Florida',33607);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(25,'Alpharetta','Georgia',30005);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(26,'Peachtree Corners','Georgia',30092);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(27,'Sugarloaf','Georgia',30024);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(28,'John Creeks','Georgia',30097);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(29,'Sandy Springs','Georgia',30342);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(30,'Woodstock','Georgia',30188);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(31,'Algonquin','Illinois',60102);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(32,'Burr Ridge','Illinois',60527);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(33,'Northbrook','Illinois',60062);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(34,'Old Orchard','Illinois',60077);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(35,'Schaumburg','Illinois',60173);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(36,'Warrenville','Illinois',60555);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(37,'Bloomingdale','Illinois',60108);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(38,'Lake Zurich','Illinois',60047);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(39,'Oakbrook','Illinois',60523);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(40,'Orland Park','Illinois',60467);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(41,'Romeoville','Illinois',60446);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(42,'Vernon Hills','Illinois',60061);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(43,'Castle Creek','Indiana',46250);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(44,'North Meridian','Indiana',46260);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(45,'Fishers','Indiana',46038);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(46,'Des Moines','IOWA',50323);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(47,'Lenexa','Kansas',66219);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(48,'Overland Park','Kansas',66223);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(49,'Columbia','Maryland',21046);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(50,'Rockville','Maryland',20854);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(51,'Gaithersburg','Maryland',20878);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(52,'Burlington','Massachusetts',01803);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(53,'MetroWest-Boston','Massachusetts',01701);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(54,'Westwood','Massachusetts',02090);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(55,'Chestnut Hill','Massachusetts',02467);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(56,'Northshore','Massachusetts',01960);

INSERT INTO gym\_location(locationID,locationName,state,zipcode) VALUES(57,'No match','No match','No match');

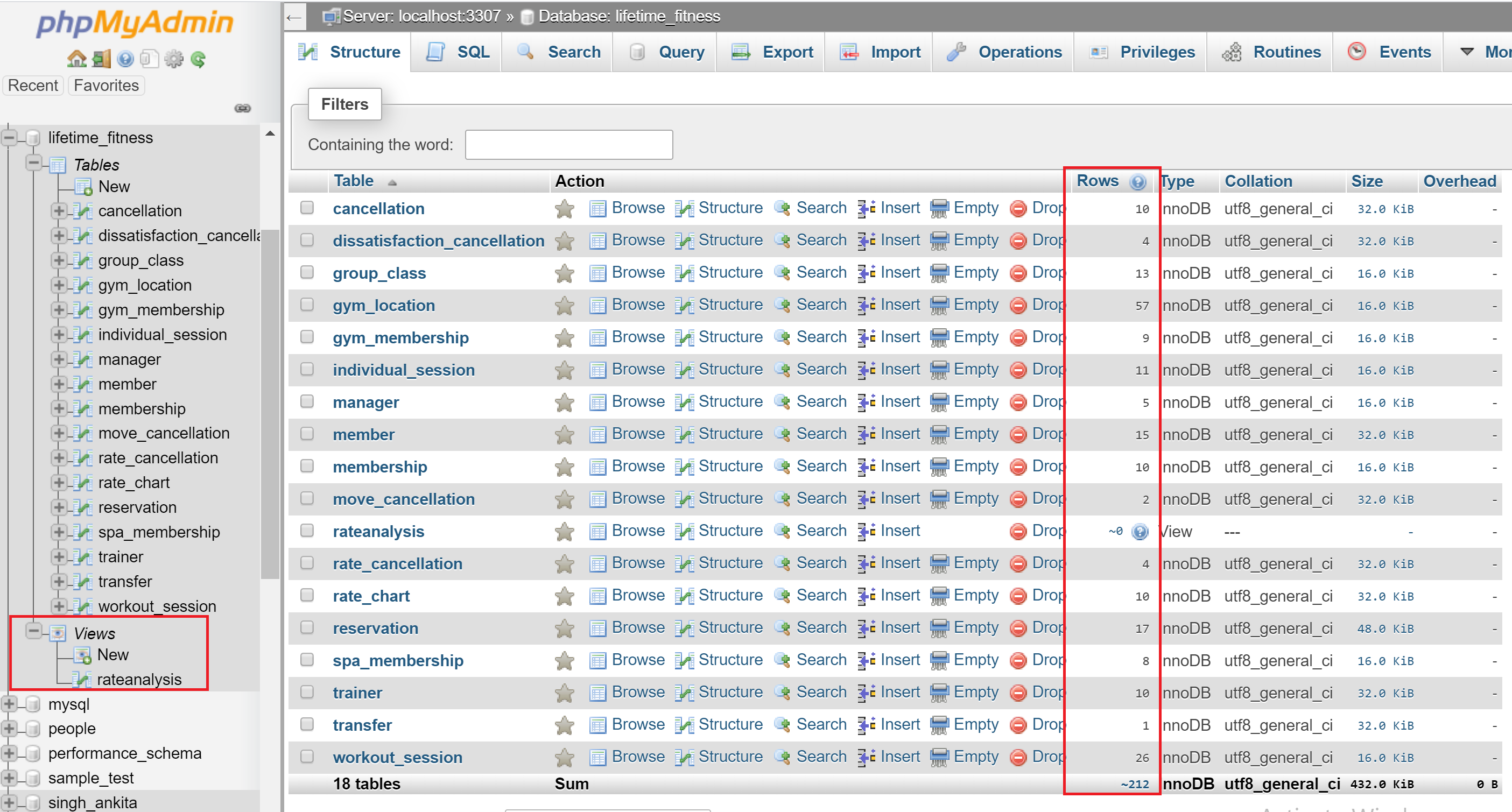
**MOVE CANCELLATION (2 Records)**

INSERT INTO move\_cancellation(mCancellationID,newZipCode,newLocationName,locationID) VALUES(3,'20910','Silver Spring',57);

INSERT INTO move\_cancellation(mCancellationID,newZipCode,newLocationName,locationID) VALUES(6,'20854','Rockville',50);

**TRANSFER (1 Record)**

INSERT INTO Transfer(transferID,agreement,moveDate,locationID) VALUES(1,'yes','2020-11-29',50);



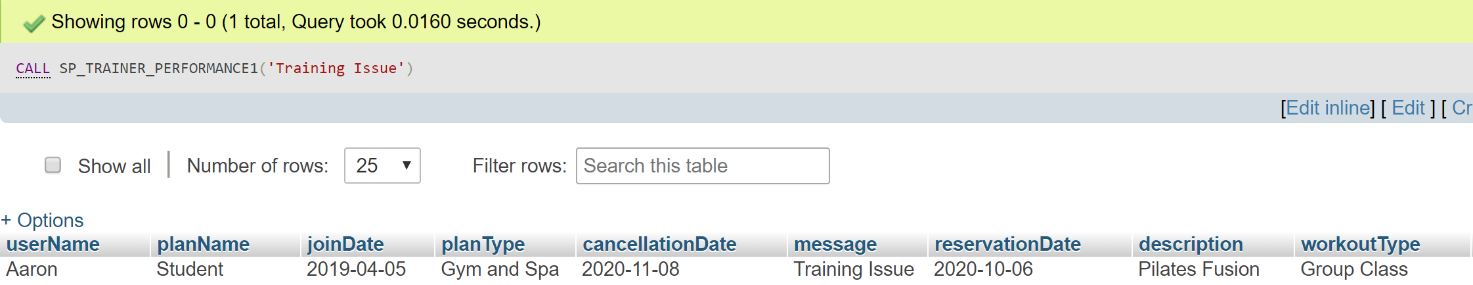
*Figure 7: Data Inserted into Lifetime Fitness Database*

## 3.2.2 DML SQL: Write SQL Queries

**STORED PROCEDURE EXECUTION COMMANDS (Refer SP created in section 3.1.2)–**

**Scenario 1,2 and 3: Gym Operations Performance Analysis Based on Member’s Feedback**

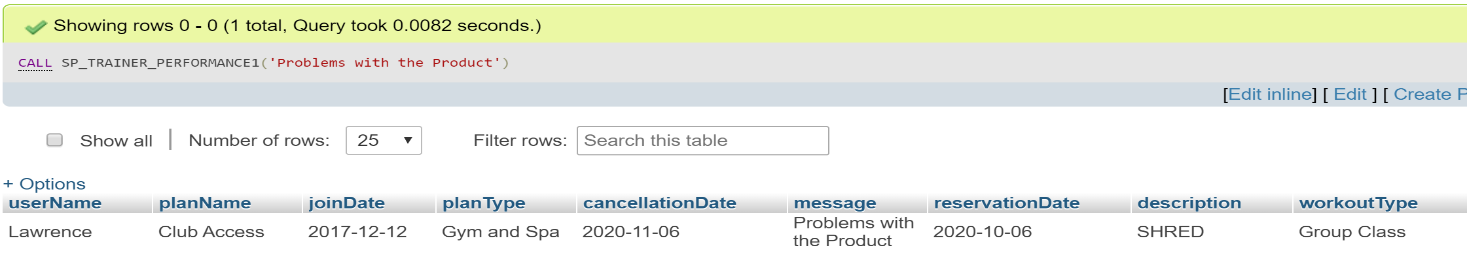
**Scenario 1**: CALL SP\_TRAINER\_PERFORMANCE1('Training Issue');

****

**Scenario 2**: CALL SP\_TRAINER\_PERFORMANCE1('Problems with the Service');



**Scenario 3:** CALL SP\_TRAINER\_PERFORMANCE1('Problems with the Product');

****

## **Scenario 4**: Total count of gym members retained and churned grouped by reason of cancellation and final deicison made

SELECT

C.reason,C.finalDecision,

SUM(CASE WHEN R.rateID IS NOT NULL THEN 1 ELSE 0 END) AS RATE\_MEMBER\_COUNT,

SUM(CASE WHEN D.managerID IS NOT NULL THEN 1 ELSE 0 END) AS DISSATISFACTION\_MEMBER\_COUNT,

SUM(CASE WHEN M.locationID IS NOT NULL THEN 1 ELSE 0 END) AS RELOCATION\_MEMBER\_COUNT

FROM cancellation AS C

LEFT JOIN rate\_cancellation AS R ON R.rCancellationID=C.cancellationID

LEFT JOIN dissatisfaction\_cancellation AS D ON D.dCancellationID=C.cancellationID

LEFT JOIN move\_cancellation AS M ON M.mCancellationID=C.cancellationID

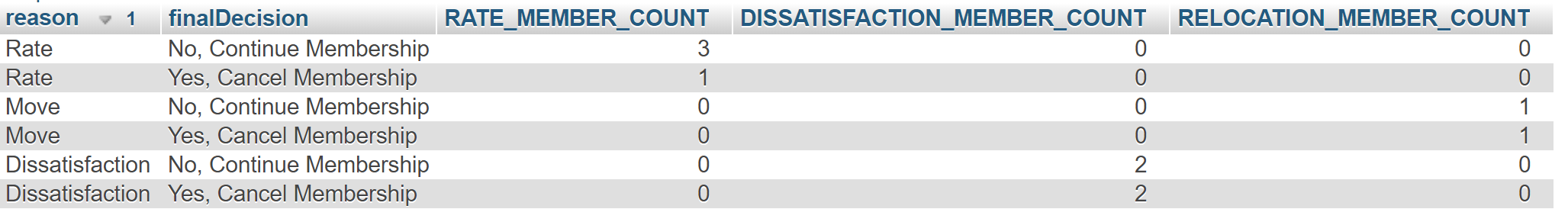
WHERE C.cancellationDate > '10-OCT-2020'

GROUP BY

C.reason,

C.finalDecision

ORDER BY C.reason DESC, C.finalDecision ASC;



**Scenario 5**: Duration of Association of members with the Gym using DATEIFF function

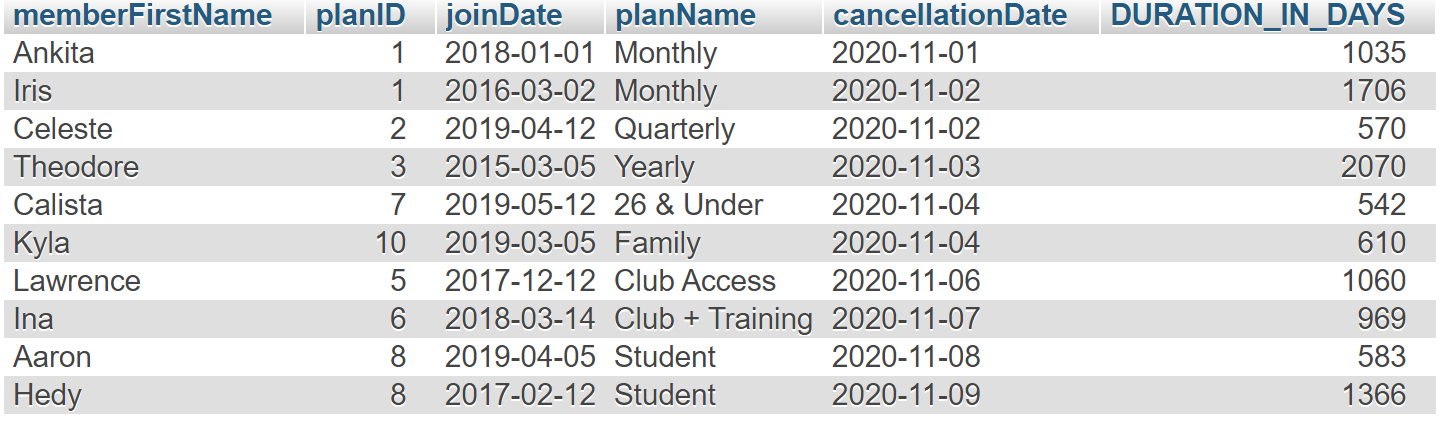
SELECT M.memberFirstName,M.planID, M.joinDate,MS.planName, C.cancellationDate,

DATEDIFF( C.cancellationDate,M.joinDate) AS DURATION\_IN\_DAYS

FROM member AS M

INNER JOIN cancellation AS C ON M.memberID=C.memberID

INNER JOIN membership AS MS ON M.planID=MS.planID



**Scenario 6**: Display the member, cancellation and manager details when the member initiate cancel request due to Training Issue, Problems with the Service, Problems with the Product

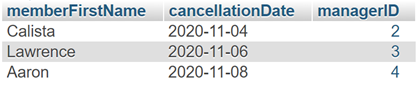
SELECT M.memberFirstName, C.cancellationDate , D.managerID

FROM dissatisfaction\_cancellation AS D

INNER JOIN cancellation AS C ON C.cancellationID=D.dCancellationID

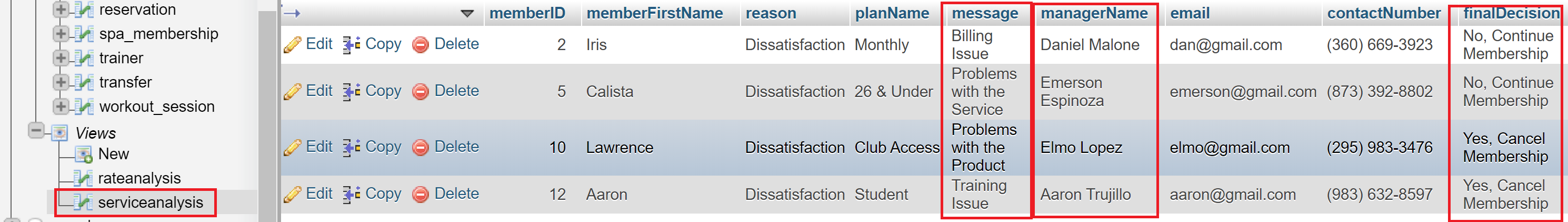
INNER JOIN member AS M ON M.memberID=C.memberID

WHERE D.message IN ('Training Issue','Problems with the Service','Problems with the Product');



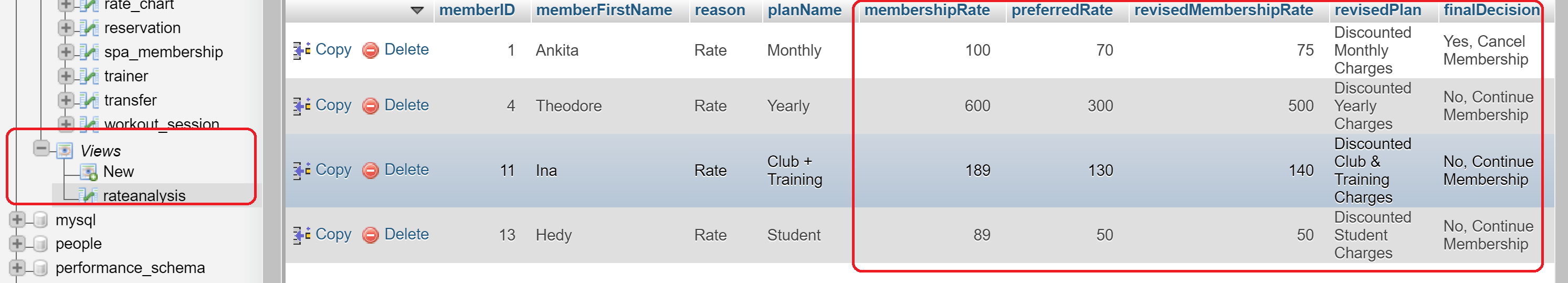
**Scenario 7**: Service Analysis view to analyze the reason for dissatisfaction and Manager’s effectiveness **(Refer Views created in section 3.1.2)**

**SELECT \* FROM serviceanalysis**



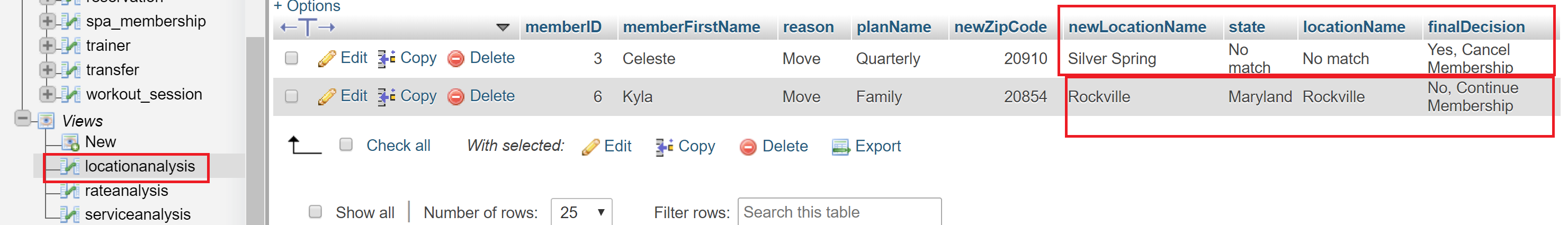
**Scenario 8**: Rate Analysis view for customer churn analysis **(Refer Views created in section 3.1.2)**

**SELECT \* FROM rateanalysis**

****

**Scenario 9:** Location Analysis view for identifying opportunities to increase revenue **(Refer Views created in section 3.1.2)**

**SELECT \* FROM locationanalysis**

****

**Scenario 10:** Retrieve member and plan details by joining Member and Membership tables to display the users who have permanently canceled lifetime fitness membership

SELECT M.userName,M.memberLastName, M.emailAddress,M.planID,M.joinDate,MS.planName,MS.membershipRate,MS.signUpFee,MS.planType

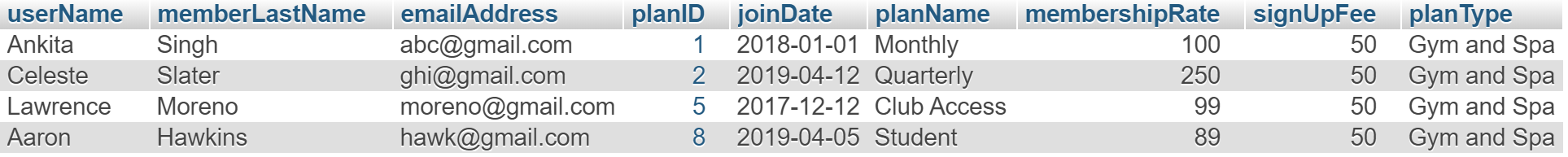
FROM member M

INNER JOIN membership MS

ON M.planID=MS.planID

WHERE M.memberID IN

(SELECT C.memberID FROM cancellation C WHERE C.finalDecision = 'Yes, Cancel Membership');



**Scenario 11:** Get the Member details enrolled in ‘Group class’ workout sessions

SELECT G.className,G.classSize,W.duration,W.workoutTime,W.description,W.workoutType,M.memberFirstName,

M.memberLastName,R.reservationDate

FROM group\_class G

INNER JOIN workout\_session W ON W.workoutID=G.gworkoutID

INNER JOIN reservation R ON R.workoutID=W.workoutID

INNER JOIN member M ON M.memberID=R.reservationID



**Scenario 12:** Get the Gym equipments and Spa service information for the members who have requested for membership cancellation

SELECT M.memberFirstName,M.memberLastName,MS.planName,MS.planType,G.equipmentSeries,S.service,

C.cancellationDate,C.reason

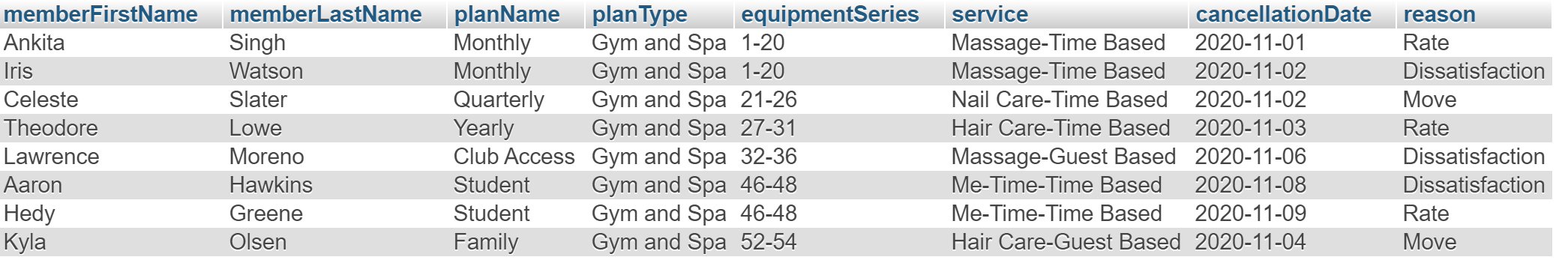
FROM member M

INNER JOIN cancellation C ON C.memberID=M.memberID

INNER JOIN membership MS ON M.planID=MS.planID

INNER JOIN gym\_membership G ON G.gplanID=MS.planID

INNER JOIN spa\_membership S ON S.splanID=MS.planID

****