IST 659: Project Report

# Gym Services Database Management

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Under the guidance of Prof. Yang Wang.

## 1. Project Summary

The proposed project is for a Gymnasium (gym), to insert, delete or update information related to customers, trainers and to view the sales of a center. This project is designed for two branches of the gym located at two cities – Syracuse and Rochester.

This project will help the receptionist to enter details of a new customer and would assist him/her to register a new membership or even update an existing one. It will also help to find out the remaining dues of customers for a membership. The receptionist can register a new or an existing customer to new services. Viewing at the customers data and health conditions, he/she can provide them appropriate health services and plans provided by the company. This project will also help to renew a plan or membership.

This project also stores information of the trainers for a service the gym provides and the timeslot of their availability. The branch managers can view the most preferred trainers and can give them a hike to not lose a valued trainer in a competitive market.

The manager can also view at the sales reports and can roll out promotional offers or addons to their customers membership, thus increasing the sales respectively. This project is to ensure that the gym functions smoothly, helping to register customers and also to help managers increase the sales by providing offers to customers.

## 2. Entity and Attribute Tables

## 1. Customer

Attribute Name	Field Type	Null/Not Null	Attribute Type	Description
CID	Integer	Not Null	Primary Key	Unique ID of the Customer
CFName	Variable	Not Null		First Name of the Customer
	character			
CLName	Variable	Not Null		Last Name of the Customer
	character			
CEmailID	Variable	Not Null		Email ID of the Customer
	character			
CPhone	Variable	Not Null		Phone Number of the
	character			Customer
CGender	Variable	Not Null		Gender of the Customer
	character			
CDOB	Date	Not Null		Date of Birth of the
				Customer
CAnniversary	Date			Anniversary of the
				Customer
CApartmentNo	Variable	Not Null		Apartment number of the
	character			Customer
CStreetName	Variable	Not Null		Street Name of the
	character			Customer
CCity	Variable	Not Null		City of the Customer
	character			
CState	Variable	Not Null		State of the Customer
	character			
CZip	Variable	Not Null		Zip Code of the Customer
	character			

## 2. Trainer

Attribute Name	Field Type	Null/Not Null	Attribute Type	Description
TID	Integer	Not null	Primary key	Unique id of the trainer
TFName	Variable	Not null		First name of the trainer
	character			
TLName	Variable	Not null		Last name of the trainer
	character			
TDesignation	Variable	Not null		Designation of the trainer
	character			

TEmailID	Variable character	Not null	Email id of the trainer
TPhone	Variable character	Not null	Phone number of the trainer
TGender	Variable character	Not null	Gender of the trainer
TDOB	Date	Not null	Date of birth of the trainer
TApartmentNo	Variable	Not null	Apartment number of the
	character		trainer
TStreetName	Variable	Not null	Street name of the trainer
	character		
TCity	Variable	Not null	City of the trainer
	character		
TState	Variable	Not null	State of the trainer
	character		
TZip	Variable	Not null	Zip code of the trainer
	character		

### 3. Branch

Attribute Name	Field Type	Null/Not Null	Attribute Type	Description
BID	Integer	Not null	Primary key	Unique ID of the Branch
BName	Variable	Not null		Name of the Branch
	character			
BPhone	Variable	Not null		Phone Number of the
	character			Branch
BStreetNo	Variable	Not null		Street Number of the
	character			Branch
BStreetName	Variable	Not null		Street Name of the Branch
	character			
BCity	Variable	Not null		City of the Branch
	character			
BState	Variable	Not null		State of the Branch
	character			
BZip	Variable	Not null		Zip Code of the Branch
	character			

## 4. Facilities

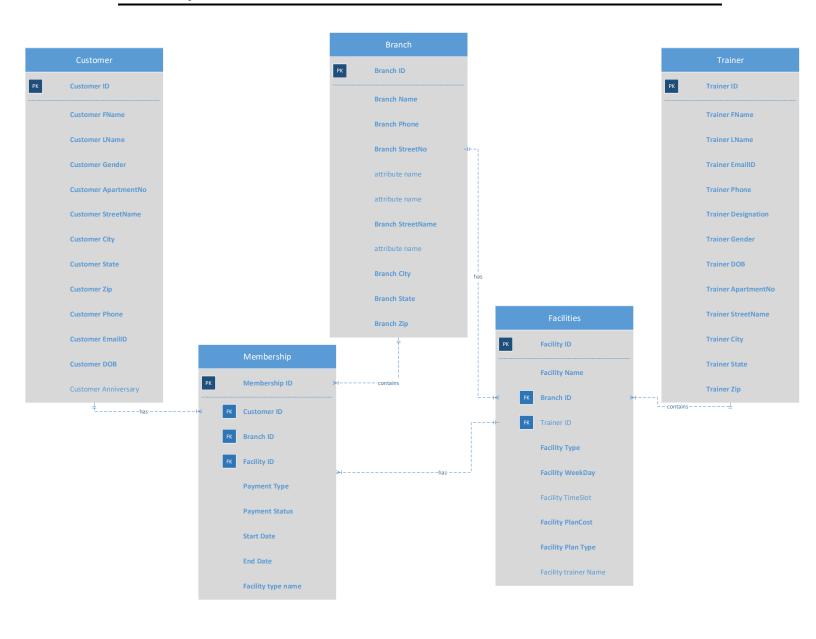
Attribute Name	Field Type	Null/Not Null	Attribute Type	Description
FID	Integer	Not null	Primary key	Unique ID of the Facility
FName	Varchar	Not null		Name of the Facility
F_BID	Integer	Not null	Foreign Key	Branch ID of the Facility

F_TID	Integer		Foreign Key	Trainer ID of the Facility
FType	Variable	Not null		Type of the Facility
	character			
FWeekDay	Variable	Not null		Day of the Facility
	character			
FTimeSlot	Variable			Time Slot of the Facility
	character			
FPlanType	Variable	Not null		Type of Plan of the Facility
	character			
FPlanCost	Variable	Not null		Cost of the Facility
	character			
FTrainerName	Variable			Trainer Name of the Facility
	character			

## 5. Membership

Attribute Name	Field Type	Null/Not Null	Attribute Type	Description
MID	Integer	Not null	Primary key	Unique ID of the
				Membership
M_CID	Integer	Not null	Foreign Key	Customer ID related to the
				Membership ID
M_BID	Integer	Not null	Foreign Key	Branch ID related to the
				Membership ID
M_FID	Integer	Not null	Foreign Key	Facility ID related to the
				Membership ID
M_PaymentType	Variable	Not null		Payment type of the
	character			Membership
M_PaymentStatus	Variable			Payment status of the
	character			Membership
M_StartDate	Date	Not null		Start date of the
				Membership
M_EndDate	Date	Not null		End date of the
				Membership
M_FType	Varchar	Not null		Name of the facility type
				Eg:zumba

## 3. Entity and Attribute Tables



## 4. Business Rules

- 1. One trainer can work at only one center.
- 2. One customer can have minimum one or more number of memberships
- 3. One facility can be given to only one customer by only one trainer in time slot in the facilities table if Facility Name is Personal Trainer/SPA/Jacuzzi.
- 4. One facility can be provided to a multiple customer by a single trainer in the same timeslot if the facility name is Yoga/Zumba/Pilates.
- 5. Time slots are in the span of 1 hour.
- 6. One customer can book only facility for one-time slot.
- 7. One customer can use at all the centers.
- 8. One trainer works as personal trainer and if not then as a regular instructor.
- 9. One timeslot can have multiple employees.

## 5. Database Infrastructure

This database system infrastructure used is based on a client-server model. SQL Server is used as the database engine and Access is used as the interface design tool. Data is inserted, deleted, updated, and queried from the SQL Server database with the help of forms on Access. Useful data stored on the SQL Server database can also be viewed with the help of reports generated through Access.

## 6. SQL Scripts for Creating Tables and Entering Sample Data

```
CREATE TABLE Customer
CID INTEGER NOT NULL PRIMARY KEY,
CFName VARCHAR(40) NOT NULL,
CLName VARCHAR(40) NOT NULL,
CEmailID VARCHAR(40) NOT NULL,
CPhone VARCHAR(20) NOT NULL,
CGender VARCHAR(10) NOT NULL CHECK (CGender IN ('Male', 'Female', 'Other')),
CDOB DATE NOT NULL,
CAnniversary DATE,
CApartmentNo VARCHAR(30) NOT NULL,
CStreetName VARCHAR(30) NOT NULL,
CCity VARCHAR(30) NOT NULL,
CState VARCHAR(30) NOT NULL,
CZip VARCHAR(30) NOT NULL,
);
CREATE TABLE Trainer
TID INTEGER NOT NULL PRIMARY KEY,
TFName VARCHAR(40) NOT NULL,
TLName VARCHAR(40) NOT NULL,
TDesignation VARCHAR(40) NOT NULL CHECK(TDesignation IN ('Junior Trainer', 'Trainer',
'Senior Trainer', 'Receptionist', 'Maintainance Specialist', 'Helper', 'Masseur')),
TEmailID VARCHAR(40) NOT NULL,
TPhone VARCHAR(20) NOT NULL,
TGender VARCHAR(10) NOT NULL CHECK (TGender IN ('Male', 'Female', 'Other')),
TDOB DATE NOT NULL,
TApartmentNo VARCHAR(30) NOT NULL,
TStreetName VARCHAR(30) NOT NULL,
TCity VARCHAR(30) NOT NULL,
TState VARCHAR(30) NOT NULL,
TZip VARCHAR(30) NOT NULL,
);
CREATE TABLE Branch
(
BID INTEGER NOT NULL PRIMARY KEY,
BName VARCHAR(40) NOT NULL,
BPhone VARCHAR(20) NOT NULL,
BStreetNo VARCHAR(30) NOT NULL,
BStreetName VARCHAR(30) NOT NULL,
BCity VARCHAR(30) NOT NULL,
BState VARCHAR(30) NOT NULL,
BZip VARCHAR(30) NOT NULL,
```

```
);
CREATE TABLE Facilities
FID INTEGER NOT NULL PRIMARY KEY,
FName VARCHAR(40) NOT NULL CHECK (FName IN ('Regular Gym', 'Personal Trainer', 'Yoga',
'Zumba', 'Pilates', 'Spa', 'Jacuzzi', 'Steam Bath')),
F BID INTEGER NOT NULL FOREIGN KEY REFERENCES Branch(BID),
F TID INTEGER FOREIGN KEY REFERENCES Trainer(TID),
FType VARCHAR(10) NOT NULL CHECK (FType IN ('Gym', 'Service', 'Class')), FWeekDay VARCHAR(100) NOT NULL CHECK (FWeekDay IN ('Everyday', 'Monday', 'Tuesday',
'Wednesday', 'Thursday', 'Friday', 'Saturday', 'Sunday', 'Monday, Wednesday, Friday',
'Tuesday, Thursday, Saturday')),
FTimeSlot VARCHAR(20) CHECK (FTimeSlot IN ('Morning', 'Evening', 'Noon')),
FPlanType VARCHAR(20) NOT NULL CHECK(FPlanType IN('Monthly', 'Yearly')),
FPlanCost VARCHAR(20) NOT NULL,
FTrainerName VARCHAR(30) CHECK(FTrainerName IN ('James', 'John', 'Robert', 'William',
'David', 'Amelia', 'Mia', 'Emma', 'Eva', 'Isabella' ))
);
CREATE TABLE Membership
MID INTEGER NOT NULL PRIMARY KEY,
M CID INTEGER NOT NULL FOREIGN KEY REFERENCES Customer(CID),
M BID INTEGER NOT NULL FOREIGN KEY REFERENCES Branch(BID),
M FID INTEGER NOT NULL FOREIGN KEY REFERENCES Facilities(FID),
M_PaymentType VARCHAR(40) NOT NULL CHECK(M_PaymentType IN ('FULL', 'Installments')),
M_PaymentStatus VARCHAR(10) CHECK(M_PaymentStatus IN('Complete', 'Pending')),
M StartDate DATE NOT NULL,
M EndDate DATE NOT NULL,
M FType VARCHAR(40) NOT NULL CHECK (M Ftype IN ('Regular Gym', 'Personal Trainer',
'Yoga', 'Zumba', 'Pilates', 'Spa', 'Jacuzzi', 'Steam Bath')),
);
DATA INSERTION FOR CUSTOMER
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CAnniversary,
CApartmentNo, CStreetName, CCity, CState, CZip) VALUES ('1', 'Lorena', 'Smith',
'lorenasmith20@gmail.com', '3154550098', 'Female', '1982/03/20', '2012/08/03', '124', 'Harvard Place', 'Syracuse', 'NY', '13210')
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CApartmentNo,
CStreetName, CCity, CState, CZip) VALUES ('2', 'Eric', 'Johnson', 'ericjohn@gmail.com',
'31594559008', 'Male', '1992/08/27', '345', 'Westcott Street', 'Syracuse', 'NY', '13210'
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CApartmentNo,
CStreetName, CCity, CState, CZip) VALUES ('3', 'Daniel', 'Rodriguez',
'danielrodriguez.com', '3156780897', 'Male', '1998/11/22', '110', 'Lancaster Ave',
'Syracuse', 'NY', '13210')
```

```
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CApartmentNo,
CStreetName, CCity, CState, CZip) VALUES ('4', 'Bennett', 'Lovehit', 'bennett2010@gmail.com', '3157889090', 'Male', '1987/07/14', '998', 'Westcott Street', 'Syracuse', 'NY', '13210')
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CAnniversary,
CApartmentNo, CStreetName, CCity, CState, CZip) VALUES ('5', 'Nicole', 'Smith',
'nickysmith98@gmail.com', '3154559998', 'Female', '1988/10/29', '2016/10/03', '109',
'Clarendon Place', 'Syracuse', 'NY', '13210')
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CApartmentNo,
CStreetName, CCity, CState, CZip) VALUES ('6', 'Alex', 'Ann', 'alexann9@gmail.com',
'3155567789', 'Male', '1997/12/29', '120', 'Allen Street', 'Syracuse', 'NY', '13210'
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CAnniversary,
CApartmentNo, CStreetName, CCity, CState, CZip) VALUES ('7', 'Brandon', 'Pratt', 'prattybrad@gmail.com', '3158997786', 'Male', '1978/03/02', '2000/11/23', '324', 'Edward
Street', 'Syracuse', 'NY', '13210')
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CApartmentNo,
CStreetName, CCity, CState, CZip) VALUES ('8', 'Mary', 'Rijwik', 'rijmarwik@gmail.com',
'3158999068', 'Female', '1970/03/25', '455', 'Glenwood Ave', 'Syracuse', 'NY', '13210')
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CApartmentNo,
CStreetName, CCity, CState, CZip) VALUES ('9', 'Maria', 'Martinez',
'martinez2020@gmail.com', '3150099000', 'Female', '1999/06/10', '124', 'Hrbor street', 'Syracuse', 'NY', '13210')
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CAnniversary,
CApartmentNo, CStreetName, CCity, CState, CZip) VALUES ('10', 'Zachary', 'Mathews', 'mathewszack@gmail.com', '3154550099', 'Male', '1978/08/28', '2010/11/05', '988', 'Huntington Road', 'Syracuse', 'NY', '13210')
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CAnniversary,
CApartmentNo, CStreetName, CCity, CState, CZip) VALUES ('11', 'Penelope', 'Jackson',
'penny2098@gmail.com', '3154559798', 'Female', '1989/03/23', '2018/01/09', '124', 'Ambrose Street', 'Rochester', 'NY', '14623')
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CApartmentNo,
CStreetName, CCity, CState, CZip) VALUES ('12', 'Harry', 'Weasley',
'weaseles20@gmail.com', '3154550088', 'Male', '1983/01/22','111', 'Amity Alley',
'Rochester', 'NY', '14623')
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CAnniversary,
CApartmentNo, CStreetName, CCity, CState, CZip) VALUES ('13', 'Ron', 'Potter',
'ronny@yahoo.com', '3154559708', 'Male', '1982/03/25', '2015/06/29', '124', 'James
Street', 'Rochester', 'NY', '14623')
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CApartmentNo,
CStreetName, CCity, CState, CZip) VALUES ('14', 'Ginny', 'Potter', 'ginny@hotmail.com', '3154550068', 'Female', '1981/11/26','122', 'Alen Alley', 'Rochester', 'NY', '14623')
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CAnniversary, CApartmentNo, CStreetName, CCity, CState, CZip) VALUES ('15', 'Raj', 'Kutrapali',
'rajkutrapalii20@gmail.com', '3154559748', 'Male', '1988/05/30', '2011/06/04', '424', 'Angel Street', 'Rochester', 'NY', '14623')
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CApartmentNo,
CStreetName, CCity, CState, CZip) VALUES ('16', 'Hermoine', 'Granger',
'pottermania@hotmail.com', '3154550058', 'Female', '1987/05/31', '415', 'Franklin square',
'Rochester', 'NY', '14623<sup>'</sup>)
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CAnniversary,
CApartmentNo, CStreetName, CCity, CState, CZip) VALUES ('17', 'Severus', 'Snape',
'severlysnape@gmail.com', '3154559738', 'Male', '1986/06/08', '2015/05/09', '524', Street', 'Rochester', 'NY', '14623')
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CApartmentNo,
CStreetName, CCity, CState, CZip) VALUES ('18', 'Mia', 'Thermapolis',
'teraghata@gmail.com', '3154550038', 'Female', '1995/02/09','1110', 'Amity Alley',
'Rochester', 'NY', '14623')
```

```
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CApartmentNo,
CStreetName, CCity, CState, CZip) VALUES ('19', 'Albert', 'Dumbeldore',
'alberodummy@gmail.com', '3154550028', 'Male', '1988/01/05','158', 'Cherry Road',
'Rochester', 'NY', '14623')
INSERT INTO Customer (CID, CFName, CLName, CEmailID, CPhone, CGender, CDOB, CApartmentNo,
CStreetName, CCity, CState, CZip) VALUES ('20', 'George', 'Clinton',
'georgeclinton@gmail.com', '3154550018', 'Male', '1998/01/24','811', 'Calvin street',
'Rochester', 'NY', '14623')
```

#### SELECT \* FROM Customer

■ Re	esults	Messag	es			NZ.							
	CID	CFName	CLName	CEmailID	CPhone	CGender	CDOB	CAnniversary	CApartmentNo	CStreetName	CCity	CState	CZip
1	1	Lorena	Smith	lorenasmith20@gmail.com	3154550098	Female	1982-03-20	2012-08-03	124	Harvard Place	Syracuse	NY	13210
2	2	Eric	Johnson	ericjohn@gmail.com	31594559008	Male	1992-08-27	NULL	345	Westcott Street	Syracuse	NY	13210
3	3	Daniel	Rodriguez	danielrodriguez.com	3156780897	Male	1998-11-22	NULL	110	Lancaster Ave	Syracuse	NY	13210
4	4	Bennett	Lovehit	bennett2010@gmail.com	3157889090	Male	1987-07-14	NULL	998	Westcott Street	Syracuse	NY	13210
5	5	Nicole	Smith	nickysmith98@gmail.com	3154559998	Female	1988-10-29	2016-10-03	109	Clarendon Place	Syracuse	NY	13210
6	6	Alex	Ann	alexann9@gmail.com	3155567789	Male	1997-12-29	NULL	120	Allen Street	Syracuse	NY	13210
7	7	Brandon	Pratt	prattybrad@gmail.com	3158997786	Male	1978-03-02	2000-11-23	324	Edward Street	Syracuse	NY	13210
8	8	Mary	Rijwik	rijmarwik@gmail.com	3158999068	Female	1970-03-25	NULL	455	Glenwood Ave	Syracuse	NY	13210
9	9	Maria	Martinez	martinez2020@gmail.com	3150099000	Female	1999-06-10	NULL	124	Hrbor street	Syracuse	NY	13210
10	10	Zachary	Mathews	mathewszack@gmail.com	3154550099	Male	1978-08-28	2010-11-05	988	Huntington Road	Syracuse	NY	13210
11	11	Penelope	Jackson	penny2098@gmail.com	3154559798	Female	1989-03-23	2018-01-09	124	Ambrose Street	Rochester	NY	14623
12	12	Harry	Weasley	weaseles20@gmail.com	3154550088	Male	1983-01-22	NULL	111	Amity Alley	Rochester	NY	14623
13	13	Ron	Potter	ronny@yahoo.com	3154559708	Male	1982-03-25	2015-06-29	124	James Street	Rochester	NY	14623
14	14	Ginny	Potter	ginny@hotmail.com	3154550068	Female	1981-11-26	NULL	122	Alen Alley	Rochester	NY	14623
15	15	Raj	Kutrapali	rajkutrapalii20@gmail.com	3154559748	Male	1988-05-30	2011-06-04	424	Angel Street	Rochester	NY	14623
16	16	Hermoi	Granger	pottermania@hotmail.com	3154550058	Female	1987-05-31	NULL	415	Franklin square	Rochester	NY	14623
17	17	Severus	Snape	severlysnape@gmail.com	3154559738	Male	1986-06-08	2015-05-09	524	Glide Street	Rochester	NY	14623
18	18	Mia	Therma	teraghata@gmail.com	3154550038	Female	1995-02-09	NULL	1110	Amity Alley	Rochester	NY	14623
19	19	Albert	Dumbel	alberodummy@gmail.com	3154550028	Male	1988-01-05	NULL	158	Cherry Road	Rochester	NY	14623
20	20	George	Clinton	georgeclinton@gmail.com	3154550018	Male	1998-01-24	NULL	811	Calvin street	Rochester	NY	14623
21	21	Rucha	Kadam	ruchakadam03@gmail.c	3154550098	Female	1994-03-20	NULL	124	Hawthorne	Syracuse	NY	13210

```
/*
DATA INSERTION FOR TRAINER
*/
```

```
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('1', 'James', 'Clooney', 'Senior Trainer', 'jamesclooneymew@gmail.com', '3154050018', 'Male', '1989/01/24', '811',
'Hawthorn street', 'Syracuse', 'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('2', 'John', 'Bush', 'Senior Trainer', 'johnbush@gmail.com', '3155050018', 'Male', '1987/02/23', '911', 'Harvard
Place', 'Syracuse', 'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('3', 'Robert',
'Jefferson','Trainer', 'robby@gmail.com', '3156050018', 'Male', '1990/03/22','211',
'Clarendon street', 'Syracuse', 'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('4', 'Mia', 'Anderson', 'Trainer',
'miaderson@gmail.com', '3157050018', 'Female', '1989/04/21', '411', 'Westcott street',
'Syracuse', 'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('5', 'Isabella', 'Diaz', 'Junior
Trainer', 'isadiaz@gmail.com', '3158050018', 'Female', '1994/05/20','611', 'Westcott
street', 'Syracuse', 'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('6', 'Amelia', 'Lee', 'Senior
```

```
Trainer', 'amilee@gmail.com', '3159050018', 'Female', '1989/06/29','511', 'Calvin
street', 'Rochester', 'NY', '14623')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('7', 'William', 'Cooper', 'Senior
Trainer', 'willycoo@gmail.com', '3151050018', 'Male', '1987/07/28', '311', 'Erie street',
'Rochester', 'NY', '14623')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('8', 'Emma', 'Clooney', 'Trainer',
'emma1234@gmail.com', '3152050018', 'Female', '1986/08/27','011', 'Gomy street',
'Rochester', 'NY', '14623')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('9', 'David', 'Potter', 'Trainer',
'davidpot@gmail.com', '3153050018', 'Male', '1984/09/26','801', 'Amy street',
'Rochester', 'NY', '14623')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('10', 'Eva', 'Tandon', 'Junior
Trainer', 'evatandon123@gmail.com', '3157950018', 'Female', '1983/10/25','813', 'Diamond
Square', 'Rochester', 'NY', '14623')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('11', 'Bloom',
'Weasley', 'Receptionist', 'bloomwee@gmail.com', '3154010018', 'Female',
'1994/01/14','821', 'Harrison street', 'Syracuse', 'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('12', 'Penelope',
'Jose','Receptionist', 'pennyJose@gmail.com', '3154020018', 'Female', '1995/04/15','831',
'Calvin street', 'Rochester', 'NY', '14623')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('13', 'Ann', 'Ton', 'Helper',
'tonnyann@gmail.com', '3154030018', 'Female', '1975/10/24','821', 'Hawthorne street',
'Syracuse', 'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('14', 'Henry', 'Cooper', 'Helper',
'georgeclooneymew@gmail.com', '3154040018', 'Male', '1980/09/13','821', 'Calvin street',
'Rochester', 'NY', '14623')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('15', 'George',
'Washington','Maintainance Specialist', 'georgyyy@gmail.com', '3154052018', 'Male', '1983/01/24','721', 'Westcott street', 'Syracuse', 'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('16', 'Donald', 'Lonewik', 'Maintainance Specialist', 'donaldloner@gmail.com', '3154053018', 'Male',
'1985/01/24','971', 'Ann street', 'Rochester', 'NY', '14623')
/*data for zumba */
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('17', 'Clara',
'Mountbatten','Trainer', 'claramount@gmail.com', '3154050118', 'Female',
'1985/01/24','801', 'Westcott street', 'Syracuse', 'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('18', 'Sheldon',
'Clooney','Trainer', 'sheldoncloo@gmail.com', '3154050218', 'Male', '1986/02/22','821', 'Clarendon street', 'Syracuse', 'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('19', 'George',
'Cooper', 'Trainer', 'georgecoo@gmail.com', '3154050318', 'Male', '1989/03/21', '817',
'Calvin street', 'Syracuse', 'NY', '14623')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('20', 'Shelly',
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'Cooper','Trainer', 'shellycooper@gmail.com', '3154050418', 'Female', '1988/04/04','901',
'George street', 'Syracuse', 'NY', '14623')
/*data for yoga */
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('21', 'Sherlock',
'Holmes','Trainer', 'sherhom@gmail.com', '3154051118', 'Male', '1991/01/24','801', 'Kevin street', 'Syracuse', 'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('22', 'David',
'Watson','Trainer', 'davidoff@gmail.com', '3154052218', 'Male', '1992/01/24','821',
'Darth street', 'Rochester', 'NY', '14623')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('23', 'Dany',
'Targeryen','Trainer', 'dany@gmail.com', '3154053318', 'Female', '1990/01/24','814',
'Westcott street', 'Syracuse', 'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('24', 'Cersei',
'Lannister', 'Trainer', 'cerci@gmail.com', '3154054418', 'Female', '1991/01/24', '813',
'Calvin street', 'Rochester', 'NY', '14623')
/*data for PILATES */
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('25', 'Sansa', 'Stark', 'Trainer',
'sansa@gmail.com', '3154055518', 'Female', '1989/01/24','9011', 'Harvard street',
'Syracuse', 'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('26', 'Aryan',
'Clooney','Trainer', 'aryan@gmail.com', '3154056618', 'Male', '1989/08/25','891', 'Lancaster street', 'Syracuse', 'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('27', 'Margaery',
'Tyrell','Trainer', 'margaery@gmail.com', '3154057718', 'Female', '1989/02/24','851',
'Calvin street', 'Rochester', 'NY', '14623')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('28', 'Tony', 'Bush', 'Trainer', 'tony@gmail.com', '3154058818', 'Male', '1989/11/24','091', 'Calvin street', 'Rochester',
'NY', '14623')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('29', 'Jamie',
'Lannister','Masseur', 'lannyJamie@gmail.com', '3154051218', 'Male', '1992/01/24','811',
'George street', 'Syracuse', 'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('30', 'Lily', 'Potter', 'Masseur',
'lily@gmail.com', '3154052318', 'Female', '1989/01/23', '811', 'Erie street', 'Syracuse',
'NY', '13210')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('31', 'Tommen',
'Smith','Masseur', 'tommen@gmail.com', '3154053418', 'Male', '1989/01/04','811', 'Calvin
street', 'Rochester', 'NY', '14623')
INSERT INTO Trainer(TID, TFName, TLName, TDesignation, TEmailID, TPhone, TGender, TDOB,
TApartmentNo, TStreetName, TCity, TState, TZip) VALUES ('32', 'Jasmine',
'Clooney','Masseur', 'jasmine@gmail.com', '3154056718', 'Female', '1989/01/14','811',
'Calvin street', 'Rochester', 'NY', '14623')
```

#### **SELECT** \* FROM Trainer

	TID	TFName	TLName	TDesignation	TEmailID	TPhone	TGende	er TDOB	TApartmentNo	TStreetName	TCity	TState	TZip
1	1	James	Clooney	Senior Trainer	jamesclooneymew@gmail.com	31540500	18 Male	1989-01-24	811	Hawthorn street	Syracuse	NY	13210
2	2	John	Bush	Senior Trainer	johnbush@gmail.com	31550500	18 Male	1987-02-23	911	Harvard Place	Syracuse	NY	13210
3	3	Robert	Jefferson	Trainer	robby@gmail.com	31560500	18 Male	1990-03-22	211	Clarendon street	Syracuse	NY	13210
4	4	Mia	Anderson	Trainer	miaderson@gmail.com	31570500	18 Female	1989-04-21	411	Westcott street	Syracuse	NY	13210
5	5	Isabella	Diaz	Junior Trainer	isadiaz@gmail.com	31580500	18 Female	1994-05-20	611	Westcott street	Syracuse	NY	13210
6	6	Amelia	Lee	Senior Trainer	amilee@gmail.com	31590500	18 Female	1989-06-29	511	Calvin street	Rochester	NY	14623
7	7	William	Cooper	Senior Trainer	willycoo@gmail.com	31510500	18 Male	1987-07-28	311	Erie street	Rochester	NY	14623
8	8	Emma	Clooney	Trainer	emma1234@gmail.com	31520500	18 Female	1986-08-27	011	Gomy street	Rochester	NY	14623
9	9	David	Potter	Trainer	davidpot@gmail.com	31530500	18 Male	1984-09-26	801	Amy street	Rochester	NY	14623
10	10	Eva	Tandon	Junior Trainer	evatandon123@gmail.com	31579500	18 Female	1983-10-25	813	Diamond Square	Rochester	NY	14623
11	11	Bloom	Weasley	Receptionist	bloomwee@gmail.com	31540100	18 Female	1994-01-14	821	Harrison street	Syracuse	NY	13210
12	12	Penelope	Jose	Receptionist	pennyJose@gmail.com	31540200	18 Female	1995-04-15	831	Calvin street	Rochester	NY	14623
13	13	Ann	Ton	Helper	tonnyann@gmail.com	31540300	18 Female	1975-10-24	821	Hawthorne street	Syracuse	NY	13210
14	14	Henry	Cooper	Helper	georgeclooneymew@gmail.c	31540400	18 Male	1980-09-13	821	Calvin street	Rochester	NY	14623
15	15	George	Washin	Maintainanc	georgyyy@gmail.com	31540520	18 Male	1983-01-24	721	Westcott street	Syracuse	NY	13210
16	16	Donald	Lonewik	Maintainanc	donaldloner@gmail.com	31540530	18 Male	1985-01-24	971	Ann street	Rochester	NY	14623
17	17	Clara	Mountb	Trainer	claramount@gmail.com	31540501	18 Female	1985-01-24	801	Westcott street	Syracuse	NY	13210
18	18	Sheldon	Clooney	Trainer	sheldoncloo@gmail.com	31540502	18 Male	1986-02-22	821	Clarendon street	Syracuse	NY	13210
19	19	George	Cooper	Trainer	georgecoo@gmail.com	31540503	18 Male	1989-03-21	817	Calvin street	Syracuse	NY	14623
20	20	Shelly	Cooper	Trainer	shellycooper@gmail.com	31540504	18 Female	1988-04-04	901	George street	Syracuse	NY	14623
21	21	Sherlock	Holmes	Trainer	sherhom@gmail.com	31540511	18 Male	1991-01-24	801	Kevin street	Syracuse	NY	13210
22	22	David	Watson	Trainer	davidoff@gmail.com	31540522	18 Male	1992-01-24	821	Darth street	Rochester	NY	14623
23	23	Dany	Targery	Trainer	dany@gmail.com	31540533	18 Female	1990-01-24	814	Westcott street	Syracuse	NY	13210
24	24	Cersei	Lannister	Trainer	cerci@gmail.com	31540544	18 Female	1991-01-24	813	Calvin street	Rochester	NY	14623
25	25	Sansa	Stark	Trainer	sansa@gmail.com	31540555	18 Female	1989-01-24	9011	Harvard street	Syracuse	NY	13210
26	26	Aryan	Clooney	Trainer	aryan@gmail.com	31540566	18 Male	1989-08-25	891	Lancaster street	Syracuse	NY	13210
27	27	Margaery	Tyrell	Trainer	margaery@gmail.com				02-24 851	Calvin street	Rocheste		14623
28	28	Tony	Bush	Trainer	tony@gmail.com				11-24 091	Calvin street	Rocheste		14623
29	29	Jamie	Lannister	Masseur	lannyJamie@gmail.com				01-24 811	George street	Syracuse		13210
30	30	Lily	Potter	Masseur	lily@gmail.com				01-23 811	Erie street	Syracuse		13210
31	31	Tommen	Smith	Masseur	tommen@gmail.com				01-04 811	Calvin street	Rocheste		14623
32	32	Jasmine	Clooney	Masseur	jasmine@gmail.com	31	54056718 F	Female 1989-	01-14 811	Calvin street	Rocheste	r NY	14623

#### --data insertion for branch

```
INSERT INTO Branch(BID, BName, BPhone, BStreetNo, BStreetName, BCity, BState, BZip)
VALUES ('1', 'Fitness Hub', '3154550098','702', 'George street', 'Syracuse', 'NY',
'13210')
INSERT INTO Branch(BID, BName, BPhone, BStreetNo, BStreetName, BCity, BState, BZip)
VALUES ('2', 'Fitness Hub', '4154550098','702', 'Clark street', 'Rochester', 'NY',
'14210')
```

#### SELECT \* FROM Branch

	BID	BName	BPhone	BStreetNo	BStreetName	BCity	BState	BZip
1	1	Fitness Hub	3154550098	702	George street	Syracuse	NY	13210
2	2	Fitness Hub	4154550098	702	Clark street	Rochester	NY	14210

#### --data insertion for gym

```
INSERT INTO Facilities(FID, FName, F_BID, FType, FWeekDay,FPlanType, FPlanCost) VALUES
('1', 'Regular Gym','1', 'Gym', 'Everyday', 'Monthly', '$200')
INSERT INTO Facilities(FID, FName, F_BID, FType, FWeekDay,FPlanType, FPlanCost) VALUES
('2', 'Regular Gym','2', 'Gym', 'Everyday', 'Monthly', '$200')
INSERT INTO Facilities(FID, FName, F_BID, FType, FWeekDay,FPlanType, FPlanCost) VALUES
('3', 'Regular Gym','1', 'Gym', 'Everyday', 'Yearly', '$2000')
INSERT INTO Facilities(FID, FName, F_BID, FType, FWeekDay,FPlanType, FPlanCost) VALUES
('4', 'Regular Gym','2', 'Gym', 'Everyday', 'Yearly', '$2000')
```

```
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('5', 'Personal Trainer', '1', '1', 'Gym', 'Everyday', 'Yearly',
'$6000', 'James' )
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('6', 'Personal Trainer','1','2', 'Gym', 'Everyday', 'Yearly',
'$6000', 'John')
INSERT INTO Facilities(FID, FName, F BID, F TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('7', 'Personal Trainer', '1', '3', 'Gym', 'Everyday', 'Yearly',
'$5000', 'Robert' )
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('8', 'Personal Trainer', '1', '4', 'Gym', 'Everyday', 'Yearly',
'$5000', 'Mia' )
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('9', 'Personal Trainer','1','5', 'Gym', 'Everyday', 'Yearly',
'$3000', 'Isabella' )
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('10', 'Personal Trainer','1','1', 'Gym', 'Everyday', 'Monthly',
'$600', 'James' )
INSERT INTO Facilities(FID, FName, F BID, F TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('11', 'Personal Trainer', '1', '2', 'Gym', 'Everyday', 'Monthly',
'$600', 'John' )
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('12', 'Personal Trainer','1','3', 'Gym', 'Everyday', 'Monthly',
'$500', 'Robert' )
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('13', 'Personal Trainer','1','4', 'Gym', 'Everyday', 'Monthly',
'$500', 'Mia' )
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('14', 'Personal Trainer','1','5', 'Gym', 'Everyday', 'Monthly',
'$300', 'Isabella' )
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('15', 'Personal Trainer','2','6', 'Gym', 'Everyday', 'Yearly',
'$6000', 'Amelia' )
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('16', 'Personal Trainer','2','7', 'Gym', 'Everyday', 'Yearly',
'$6000', 'William' )
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('17', 'Personal Trainer', '2', '8', 'Gym', 'Everyday', 'Yearly',
'$5000', 'Emma' )
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('18', 'Personal Trainer','2','9', 'Gym', 'Everyday', 'Yearly',
'$5000', 'David' )
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('19', 'Personal Trainer','2','10', 'Gym', 'Everyday', 'Yearly',
'$3000', 'Eva' )
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('20', 'Personal Trainer', '2', '6', 'Gym', 'Everyday', 'Monthly',
'$600', 'Amelia' )
INSERT INTO Facilities(FID, FName, F BID, F TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('21', 'Personal Trainer','2','7', 'Gym', 'Everyday', 'Monthly',
'$600', 'William'
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('22', 'Personal Trainer','2','8', 'Gym', 'Everyday', 'Monthly',
'$500', 'Emma' )
INSERT INTO Facilities(FID, FName, F BID, F TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('23', 'Personal Trainer','2','9', 'Gym', 'Everyday', 'Monthly',
'$500', 'David' )
```

```
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FWeekDay,FPlanType, FPlanCost,
FTrainerName) VALUES ('24', 'Personal Trainer','2','10', 'Gym', 'Everyday', 'Monthly',
'$300', 'Eva' )
--FACILITIES FOR YOGA
INSERT INTO Facilities(FID, FName, F BID, F TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('25', 'Yoga','1','21', 'Class', 'Morning', 'Monday, Wednesday, Friday',
'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('26', 'Yoga','1','21', 'Class','Noon', 'Monday, Wednesday, Friday',
'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('27', 'Yoga','1','21', 'Class','Evening','Monday, Wednesday, Friday',
'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('28', 'Yoga','1','22', 'Class','Morning','Tuesday, Thursday,
Saturday', 'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('29', 'Yoga','1','22', 'Class','Noon', 'Tuesday, Thursday, Saturday',
'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('30', 'Yoga','1','22', 'Class','Evening','Tuesday, Thursday,
Saturday', 'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F BID, F TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('31', 'Yoga','2','23', 'Class','Morning','Monday, Wednesday, Friday',
'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('32', 'Yoga','2','23', 'Class','Noon', 'Monday, Wednesday, Friday',
'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('33', 'Yoga','2','23', 'Class','Evening','Monday, Wednesday, Friday',
'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('34', 'Yoga','2','24', 'Class','Morning','Tuesday, Thursday,
Saturday', 'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('35', 'Yoga','2','24', 'Class','Noon','Tuesday, Thursday, Saturday',
'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('36', 'Yoga','2','24', 'Class','Evening','Tuesday, Thursday,
Saturday', 'Monthly', '$100')
--FACILITIES FOR ZUMBA
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('37', 'Zumba','1','17', 'Class','Morning','Monday, Wednesday,
Friday', 'Monthly', '$200')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('38', 'Zumba', '1', '17', 'Class', 'Noon', 'Monday, Wednesday, Friday',
'Monthly', '$200')
INSERT INTO Facilities(FID, FName, F BID, F TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('39', 'Zumba', '1', '17', 'Class', 'Evening', 'Monday, Wednesday,
Friday', 'Monthly', '$200')
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```
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('40', 'Zumba', '1', '18', 'Class', 'Morning', 'Tuesday, Thursday,
Saturday', 'Monthly', '$200')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('41', 'Zumba','1','18', 'Class','Noon','Tuesday, Thursday, Saturday',
'Monthly', '$200')
INSERT INTO Facilities(FID, FName, F BID, F TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('42', 'Zumba','1','18', 'Class','Evening','Tuesday, Thursday,
Saturday', 'Monthly', '$200')
INSERT INTO Facilities(FID, FName, F BID, F TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('43', 'Zumba','2','19', 'Class','Morning','Monday, Wednesday,
Friday', 'Monthly', '$200')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('44', 'Zumba','2','19', 'Class','Noon','Monday, Wednesday, Friday',
'Monthly', '$200')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('45', 'Zumba','2','19', 'Class','Evening','Monday, Wednesday,
Friday', 'Monthly', '$200')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('46', 'Zumba', '2', '20', 'Class', 'Morning', 'Tuesday, Thursday,
Saturday', 'Monthly', '$200')
{\color{red} \textbf{INSERT INTO Facilities}(\texttt{FID}, \ \texttt{FName}, \ \texttt{F\_BID}, \ \texttt{F\_TID}, \ \texttt{FType}, \ \texttt{FTimeSlot}, \ \texttt{FWeekDay}, \texttt{FPlanType}, }
FPlanCost) VALUES ('47', 'Zumba','2','20', 'Class','Noon','Tuesday, Thursday, Saturday',
'Monthly', '$200')
INSERT INTO Facilities(FID, FName, F BID, F TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('48', 'Zumba','2','20', 'Class','Evening','Tuesday, Thursday,
Saturday', 'Monthly', '$200')
--data facilities for pilates
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('49', 'Pilates', '1', '25', 'Class', 'Morning', 'Monday, Wednesday,
Friday', 'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('50', 'Pilates','1','25', 'Class','Noon','Monday, Wednesday, Friday',
'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('51', 'Pilates','1','25', 'Class','Evening','Monday, Wednesday, Friday', 'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('52', 'Pilates','1','26', 'Class','Morning','Tuesday, Thursday,
Saturday', 'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F BID, F TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('53', 'Pilates','1','26', 'Class','Noon','Tuesday, Thursday,
Saturday', 'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('54', 'Pilates', '1', '26', 'Class', 'Evening', 'Tuesday, Thursday,
Saturday', 'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('55', 'Pilates','2','27', 'Class','Morning','Monday, Wednesday,
Friday', 'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('56', 'Pilates','2','27', 'Class','Noon','Monday, Wednesday, Friday',
'Monthly', '$100')
```

```
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('57', 'Pilates','2','27', 'Class','Evening','Monday, Wednesday,
Friday', 'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('58', 'Pilates','2','28', 'Class','Morning','Tuesday, Thursday,
Saturday', 'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F BID, F TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('59', 'Pilates','2','28', 'Class','Noon', 'Tuesday, Thursday,
Saturday', 'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('60', 'Pilates','2','28', 'Class','Evening','Tuesday, Thursday,
Saturday', 'Monthly', '$100')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('61', 'Spa','1','29', 'Class','Morning','Monday','Monthly','$80')
INSERT INTO Facilities(FID, FName, F BID, F TID, FType, FTimeSlot, FWeekDay,FPlanType,
FPlanCost) VALUES ('62', 'Spa','1','29', 'Class','Noon', 'Wednesday', 'Monthly', '$80')
INSERT INTO Facilities(FID, FName, F BID, F TID, FType, FTimeSlot, FWeekDay, FPlanType,
FPlanCost) VALUES ('63', 'Spa','1','29', 'Class','Evening','Friday', 'Monthly','$80')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay, FPlanType,
FPlanCost) VALUES ('64', 'Spa','1','30', 'Class','Morning','Tuesday','Monthly', '$80')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay, FPlanType,
FPlanCost) VALUES ('65', 'Spa','1','30', 'Class','Noon','Thursday','Monthly','$80')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay, FPlanType,
FPlanCost) VALUES ('66', 'Spa','1','30', 'Class','Evening','Saturday','Monthly', '$80')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay, FPlanType,
FPlanCost) VALUES ('67', 'Spa','2','31', 'Class','Morning','Monday','Monthly', '$80')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay, FPlanType,
FPlanCost) VALUES ('68', 'Spa','2','31', 'Class','Noon','Wednesday','Monthly','$80')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay, FPlanType,
FPlanCost) VALUES ('69', 'Spa','2','31', 'Class','Evening','Friday','Monthly', '$80')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay, FPlanType,
FPlanCost) VALUES ('70', 'Spa','2','32', 'Class','Morning','Tuesday','Monthly', '$80')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay, FPlanType,
FPlanCost) VALUES ('71', 'Spa','2','32', 'Class','Noon','Thursday','Monthly','$80')
INSERT INTO Facilities(FID, FName, F_BID, F_TID, FType, FTimeSlot, FWeekDay, FPlanType,
FPlanCost) VALUES ('72', 'Spa','2','32', 'Class','Evening','Saturday','Monthly', '$80')
```

select \* from facilities

	FID	FName	F_BID	F_TID	FType	FWeekDay	FTimeSlot	FPlanType	FPlanCost	FTrainerName
1	1	Regular Gym	1	NULL	Gym	Everyday	NULL	Monthly	\$200	NULL
2	2	Regular Gym	2	NULL	Gym	Everyday	NULL	Monthly	\$200	NULL
3	3	Regular Gym	1	NULL	Gym	Everyday	NULL	Yearly	\$2000	NULL
4	4	Regular Gym	2	NULL	Gym	Everyday	NULL	Yearly	\$2000	NULL
5	5	Personal Trainer	1	1	Gym	Everyday	NULL	Yearly	\$6000	James
6	6	Personal Trainer	1	2	Gym	Everyday	NULL	Yearly	\$6000	John
7	7	Personal Trainer	1	3	Gym	Everyday	NULL	Yearly	\$5000	Robert
8	8	Personal Trainer	1	4	Gym	Everyday	NULL	Yearly	\$5000	Mia
9	9	Personal Trainer	1	5	Gym	Everyday	NULL	Yearly	\$3000	Isabella
10	10	Personal Trainer	1	1	Gym	Everyday	NULL	Monthly	\$600	James
11	11	Personal Trainer	1	2	Gym	Everyday	NULL	Monthly	\$600	John
12	12	Personal Trainer	1	3	Gym	Everyday	NULL	Monthly	\$500	Robert
13	13	Personal Trainer	1	4	Gym	Everyday	NULL	Monthly	\$500	Mia
14	14	Personal Trainer	1	5	Gym	Everyday	NULL	Monthly	\$300	Isabella
15	15	Personal Trainer	2	6	Gym	Everyday	NULL	Yearly	\$6000	Amelia
16	16	Personal Trainer	2	7	Gym	Everyday	NULL	Yearly	\$6000	William
17	17	Personal Trainer	2	8	Gym	Everyday	NULL	Yearly	\$5000	Emma
18	18	Personal Trainer	2	9	Gym	Everyday	NULL	Yearly	\$5000	David
19	19	Personal Trainer	2	10	Gym	Everyday	NULL	Yearly	\$3000	Eva
20	20	Personal Trainer	2	6	Gym	Everyday	NULL	Monthly	<b>√</b> 300	Amelia
21	21	Personal Trainer	2	7	Gym	Everyday	NULL	Monthly	\$600	William
22	22	Personal Trainer	2	8	Gym	Everyday	NULL	Monthly	\$500	Emma
23	23	Personal Trainer	2	9	Gym	Everyday	NULL	Monthly	\$500	David
24	24	Personal Trainer	2	10	Gym	Everyday	NULL	Monthly	\$300	Eva
25	25	Yoga	1	21	Class	Monday,	Morning	Monthly	\$100	NULL
26	26	Yoga	1	21	Class	Monday,	Noon	Monthly	\$100	NULL

	FID	FName	F_BID	F_TID	FType	FWeekDay	FTimeSlot	FPlanType	FPlanCost	FTrainerName
27	27	Yoga	1	21	Class	Monday,	Evening	Monthly	\$100	NULL
28	28	Yoga	1	22	Class	Tuesday,	Morning	Monthly	\$100	NULL
29	29	Yoga	1	22	Class	Tuesday,	Noon	Monthly	\$100	NULL
30	30	Yoga	1	22	Class	Tuesday,	Evening	Monthly	\$100	NULL
31	31	Yoga	2	23	Class	Monday,	Morning	Monthly	\$100	NULL
32	32	Yoga	2	23	Class	Monday,	Noon	Monthly	\$100	NULL
33	33	Yoga	2	23	Class	Monday,	Evening	Monthly	\$100	NULL
34	34	Yoga	2	24	Class	Tuesday,	Morning	Monthly	\$100	NULL
35	35	Yoga	2	24	Class	Tuesday,	Noon	Monthly	\$100	NULL
36	36	Yoga	2	24	Class	Tuesday,	Evening	Monthly	\$100	NULL
37	37	Zumba	1	17	Class	Monday,	Morning	Monthly	\$200	NULL
38	38	Zumba	1	17	Class	Monday,	Noon	Monthly	\$200	NULL
39	39	Zumba	1	17	Class	Monday,	Evening	Monthly	\$200	NULL
40	40	Zumba	1	18	Class	Tuesday,	Morning	Monthly	\$200	NULL
41	41	Zumba	1	18	Class	Tuesday,	Noon	Monthly	\$200	NULL
42	42	Zumba	1	18	Class	Tuesday,	Evening	Monthly	\$200	NULL
43	43	Zumba	2	19	Class	Monday,	Morning	Monthly	\$200	NULL
44	44	Zumba	2	19	Class	Monday,	Noon	Monthly	\$200	NULL
45	45	Zumba	2	19	Class	Monday,	Evening	Monthly	\$200	NULL
46	46	Zumba	2	20	Class	Tuesday,	Morning	Monthly	\$200	NULL
47	47	Zumba	2	20	Class	Tuesday,	Noon	Monthly	\$200	NULL
48	48	Zumba	2	20	Class	Tuesday,	Evening	Monthly	\$200	NULL
49	49	Pilates	1	25	Class	Monday,	Morning	Monthly	\$100	NULL
50	50	Pilates	1	25	Class	Monday,	Noon	Monthly	\$100	NULL
51	51	Pilates	1	25	Class	Monday,	Evening	Monthly	\$100	NULL
52	52	Pilates	1	26	Class	Tuesday,	Morning	Monthly	\$100	NULL
53	53	Pilates	1	26	Class	Tuesday,	Noon	Monthly	\$100	NULL
54	54	Pilates	1	26	Class	Tuesday,	Evening	Monthly	\$100	NULL
55	55	Pilates	2	27	Class	Monday,	Morning	Monthly	\$100	NULL
56	56	Pilates	2	27	Class	Monday,	Noon	Monthly	\$100	NULL
57	57	Pilates	2	27	Class	Monday,	Evening	Monthly	\$100	NULL
58	58	Pilates	2	28	Class	Tuesday,	Morning	Monthly	\$100	NULL
59	59	Pilates	2	28	Class	Tuesday,	Noon	Monthly	\$100	NULL
60	60	Pilates	2	28	Class	Tuesday,	Evening	Monthly	\$100	NULL
61	61	Spa	1	29	Class	Monday	Morning	Monthly	\$80	NULL
62	62	Spa	1	29	Class	Wednes	Noon	Monthly	\$80	NULL
63	63	Spa	1	29	Class	Friday	Evening	Monthly	\$80	NULL
64	64	Spa	1	30	Class	Tuesday	Morning	Monthly	\$80	NULL
65	65	Spa	1	30	Class	Thursday	Noon	Monthly	\$80	NULL
66	66	Spa	1	30	Class	Saturday	Evening	Monthly	\$80	NULL
67	67	Spa	2	31	Class	Monday	Morning	Monthly	\$80	NULL
68	68	Spa	2	31	Class	Wednes	Noon	Monthly	\$80	NULL
69	69	Spa	2	31	Class	Friday	Evening	Monthly	\$80	NULL
70	70	Spa	2	32	Class	Tuesday	Morning	Monthly	\$80	NULL
71	71	Spa	2	32	Class	Thursday	Noon	Monthly	\$80	NULL
72	72	Spa	2	32	Class	Saturday	Evening	Monthly	\$80	NULL

```
--Data insertion for Membership
--regular gym membership
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('1', '1', '1', '3', 'Installments', 'Complete',
'2018-01-01','2018-12-31','Regular gym')
INSERT INTO Membership(MID,M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('2', '2', '1', '3', 'Installments', 'Complete',
'2018-01-01', '2018-12-31', 'Regular gym')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('3', '3', '1', '3', 'Installments', 'Pending',
'2018-01-01','2018-12-31','Regular gym' )
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('4', '4', '2', '4', 'Full', 'Complete', '2018-
01-01','2018-12-31','Regular gym'
INSERT INTO Membership(MID, M_CID, M_BID, M_FID, M_PaymentType, M_PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('5', '5', '2', '4', 'Installments', 'Pending',
'2018-01-01','2018-12-31','Regular gym')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('6', '6', '1', '1', 'Installments', 'Complete',
'2018-01-01','2018-01-31','Regular gym')
INSERT INTO Membership (MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('7', '7', '1', '1', 'Installments', 'Complete',
'2018-02-01', '2018-02-28', 'Regular gym'
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('8', '8', '2', '2', 'Installments', 'Complete',
'2018-05-01','2018-05-31','Regular gym')
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('9', '9', '2', '2', 'Installments', 'Complete',
'2018-07-01','2018-07-31','Regular gym' )
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M StartDate, M EndDate, M_FType) VALUES ('10', '10', '2', '2', 'Installments',
'Complete', '2018-07-01','2018-07-31','Regular gym'
--pt gym membership
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('11', '11', '5', 'Installments',
'Complete', '2018-01-01','2018-12-31', 'Personal Trainer')
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('12', '12', '1', '5', 'Installments',
'Complete', '2018-01-01', 2018-12-31', 'Personal Trainer')
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('13', '13', '1', '7', 'Installments',
'Complete', '2018-01-01','2018-12-31', 'Personal Trainer')
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('14', '14', '1', '7', 'Installments',
'Complete', '2018-01-01','2018-12-31', 'Personal Trainer')
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('15', '15', '1', '7', 'Installments',
'Complete', '2018-01-01', '2018-12-31', 'Personal Trainer')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M StartDate, M EndDate, M_FType) VALUES ('16', '16', '11', '13', 'Installments',
'Complete', '2018-01-01','2018-12-31', 'Personal Trainer')
--data membership for yoga only at gym 1
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('17', '17', '1', '25', 'Full', 'Complete',
'2018-01-01','2018-12-31', 'Yoga')
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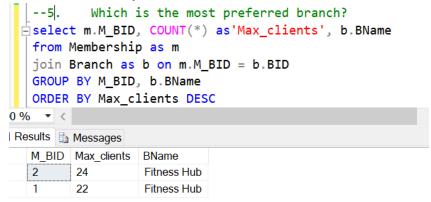
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INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('18', '18', '1', '25', 'Full', 'Complete',
'2018-01-01','2018-12-31','Yoga')
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('19', '19', '1', '25', 'Full', 'Complete',
'2018-01-01','2018-12-31','Yoga')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('20', '20', '1', '25', 'Installments',
'Complete', '2018-01-01', '2018-12-31', 'Yoga')
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('22', '1', '1', '28', 'Full', 'Complete', '2018-
01-01','2018-12-31','Yoga')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M StartDate, M_EndDate, M_FType) VALUES ('21', '2', '1', '28', 'Installments',
'Complete', '2018-01-01','2018-12-31','Yoga')
--data membership for zumba gm2
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('23', '18', '2', '45', 'Full', 'Complete', '2018-
01-01','2018-12-31', 'Zumba')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('24', '19', '2', '45', 'Full', 'Complete',
'2018-01-01','2018-12-31', 'Zumba')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('25', '20', '2', '45', 'Installments',
'Complete', '2018-01-01', '2018-12-31', 'Zumba')
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('26', '1', '2', '45', 'Full', 'Complete', '2018-
01-01','2018-12-31', 'Zumba')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M StartDate, M EndDate, M_FType) VALUES ('27', '2', '2', '45', 'Installments',
'Complete', '2018-01-01','2018-12-31', 'Zumba')
INSERT INTO Membership(MID, M_CID, M_BID, M_FID, M_PaymentType, M_PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('28', '3', '2', '48', 'Full', 'Complete', '2018-
01-01','2018-12-31', 'Zumba')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('29', '4', '2', '48', 'Full', 'Complete', '2018-
01-01','2018-12-31', 'Zumba')
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('30', '5', '2', '48', 'Full', 'Complete', '2018-
01-01','2018-12-31', 'Zumba')
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('31', '6', '2', '48', 'Installments',
'Complete', '2018-01-01', '2018-12-31', 'Zumba')
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('32', '7', '2', '46', 'Full', 'Complete', '2018-
01-01','2018-12-31', 'Zumba')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M StartDate, M_EndDate, M_FType) VALUES ('33', '8', '2', '47', 'Installments',
'Complete', '2018-01-01','2018-12-31', 'Zumba')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('34', '17', '2', '45', 'Full', 'Complete',
'2018-01-01','2018-12-31', 'Zumba')
```

```
--MEMBERSHIP FOR PILATES GYM1 n 2
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('35', '9', '1', '49', 'Full', 'Complete', '2018-
01-01','2018-12-31', 'Pilates')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('36', '10', '1', '49', 'Full', 'Complete',
'2018-01-01','2018-12-31', 'Pilates')
INSERT INTO Membership (MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('37', '11', '1', '49', 'Installments',
'Complete', '2018-01-01', '2018-12-31', 'Pilates')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('38', '12', '1', '54', 'Full', 'Complete',
'2018-01-01','2018-12-31', 'Pilates')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('39', '13', '1', '54', 'Installments',
'Complete', '2018-01-01','2018-12-31', 'Pilates')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('40', '14', '2', '56', 'Full', 'Complete',
'2018-01-01','2018-12-31', 'Pilates')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M StartDate, M EndDate, M FType) VALUES ('41', '15', '2', '56', 'Full', 'Complete',
'2018-01-01','2018-12-31', 'Pilates')
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('42', '5', '2', '56', 'Full', 'Complete', '2018-
01-01','2018-12-31', 'Pilates')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('43', '16', '2', '56', 'Installments',
'Complete', '2018-01-01', '2018-12-31', 'Pilates')
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('44', '7', '2', '56', 'Full', 'Complete', '2018-
01-01','2018-12-31', 'Pilates')
INSERT INTO Membership(MID, M CID, M BID, M FID, M PaymentType, M PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('45', '8', '2', '59', 'Installments',
'Complete', '2018-01-01', '2018-12-31', 'Pilates')
INSERT INTO Membership(MID, M_CID, M_BID, M_FID,M_PaymentType, M_PaymentStatus,
M_StartDate, M_EndDate, M_FType) VALUES ('46', '17', '2', '59', 'Full', 'Complete',
'2018-01-01','2018-12-31', 'Pilates')
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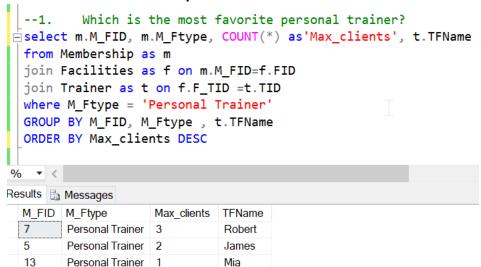
	MID	M_CID	M_BID	M_FID	M_PaymentType	M_PaymentStatus	M_StartDate	M_EndDate	M_FType
1	1	1	1	3	Installments	Complete	2018-01-01	2018-12-31	Regular gym
2	2	2	1	3	Installments	Complete	2018-01-01	2018-12-31	Regular gym
3	3	3	1	3	Installments	Pending	2018-01-01	2018-12-31	Regular gym
4	4	4	2	4	Full	Complete	2018-01-01	2018-12-31	Regular gym
5	5	5	2	4	Installments	Pending	2018-01-01	2018-12-31	Regular gym
6	6	6	1	1	Installments	Complete	2018-01-01	2018-01-31	Regular gym
7	7	7	1	1	Installments	Complete	2018-02-01	2018-02-28	Regular gym
8	8	8	2	2	Installments	Complete	2018-05-01	2018-05-31	Regular gym
9	9	9	2	2	Installments	Complete	2018-07-01	2018-07-31	Regular gym
10	10	10	2	2	Installments	Complete	2018-07-01	2018-07-31	Regular gym
11	11	11	1	5	Installments	Complete	2018-01-01	2018-12-31	Personal T
12	12	12	1	5	Installments	Complete	2018-01-01	2018-12-31	Personal T
13	13	13	1	7	Installments	Complete	2018-01-01	2018-12-31	Personal T
14	14	14	1	7	Installments	Complete	2018-01-01	2018-12-31	Personal T
15	15	15	1	7	Installments	Complete	2018-01-01	2018-12-31	Personal T
16	16	16	1	13	Installments	Complete	2018-01-01	2018-12-31	Personal T
17	17	17	1	25	Full	Complete	2018-01-01	2018-12-31	Yoga
18	18	18	1	25	Full	Complete	2018-01-01	2018-12-31	Yoga
19	19	19	1	25	Full	Complete	2018-01-01	2018-12-31	Yoga
20	20	20	1	25	Installments	Complete	2018-01-01	2018-12-31	Yoga
21	21	2	1	28	Installments	Complete	2018-01-01	2018-12-31	Yoga
22	22	1	1	28	Full	Complete	2018-01-01	2018-12-31	Yoga
23	23	18	2	45	Full	Complete	2018-01-01	2018-12-31	Zumba
24	24	19	2	45	Full	Complete	2018-01-01	2018-12-31	Zumba
25	25	20	2	45	Installments	Complete	2018-01-01	2018-12-31	Zumba
26	26	1	2	45	Full	Complete	2018-01-01	2018-12-31	Zumba
27	27	2	2	45	Installments	Complete	2018-01-01	2018-12-31	Zumba
28	28	3	2	48	Full	Complete	2018-01-01	2018-12-31	Zumba
29	29	4	2	48	Full	Complete	2018-01-01	2018-12-31	Zumba
30	30	5	2	48	F. H	Complete	2018-01-01	2018-12-31	Zumba
31	31	6	2	48	Installments	Complete	2018-01-01	2018-12-31	Zumba
32	32	7	2	46	Full	Complete	2018-01-01	2018-12-31	Zumba
33	33	8	2	47	Installments	Complete	2018-01-01	2018-12-31	Zumba
34	34	17	2	45	Full	Complete	2018-01-01	2018-12-31	Zumba
35	35	9	1	49	Full	Complete	2018-01-01	2018-12-31	Pilates
36	36	10	1	49	Full	Complete	2018-01-01	2018-12-31	Pilates
37	37	11	1	49	Installments	Complete	2018-01-01	2018-12-31	Pilates
38	38	12	1	54	Full	Complete	2018-01-01	2018-12-31	Pilates
39	39	13	1	54	Installments	Complete	2018-01-01	2018-12-31	Pilates
40	40	14	2	56	Full	Complete	2018-01-01	2018-12-31	Pilates
41	41	15	2	56	Full	Complete	2018-01-01	2018-12-31	Pilates
42	42	5	2	56	Full	Complete	2018-01-01	2018-12-31	Pilates
43	43	16	2	56	Installments	Complete	2018-01-01	2018-12-31	Pilates
44	44	7	2	56	Full	Complete	2018-01-01	2018-12-31	Pilates
45	45	8	2	59	Installments	Complete	2018-01-01	2018-12-31	Pilates
46	46	17	2	59	Full	Complete	2018-01-01	2018-12-31	Pilates

## 7. Business Questions

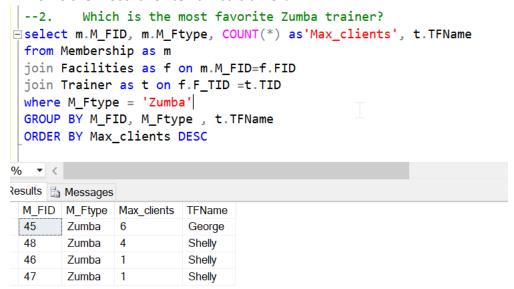
### 1. Which is the most preferred branch?



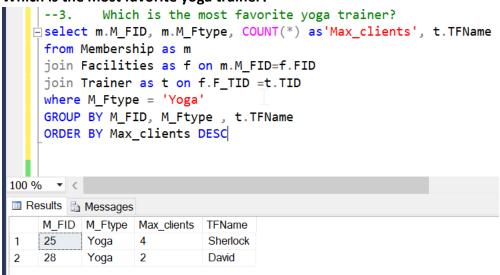
#### 2. Which is the most favorite personal trainer?



#### 3. Which is the most favorite Zumba trainer?



#### 4. Which is the most favorite yoga trainer?



#### 5. Which is the most favorite Pilates trainer?

```
Which is the most favorite Pilates trainer?
  ≒select m.M_FID, m.M_Ftype, COUNT(*) as'Max_clients', t.TFName
    from Membership as m
    join Facilities as f on m.M_FID=f.FID
    join Trainer as t on f.F_TID =t.TID
    where M_Ftype = 'Pilates'
    GROUP BY M_FID, M_Ftype , t.TFName
    ORDER BY Max_clients DESC
.00 % ▼ <
Results  Messages
    M_FID M_Ftype Max_clients TFName
          Pilates
                            Margaery
1
          Pilates
                  3
                            Sansa
2
    49
    59
          Pilates
                  2
                            Tony
3
    54
          Pilates
                  2
                            Aryan
```

## 8. Interfaces



LoginID	
Password	
Signin	Cancel

## 

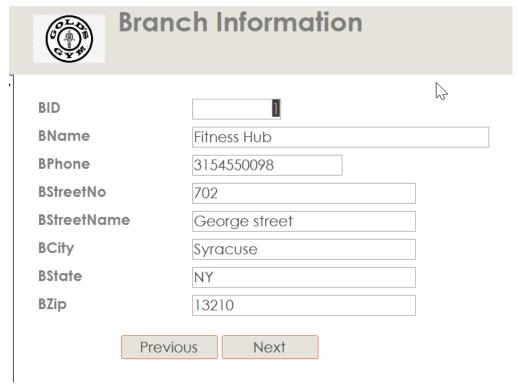
#### 1. Customer



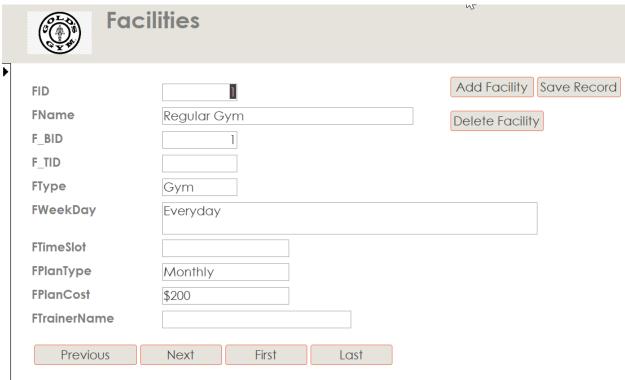
#### 2. Trainer



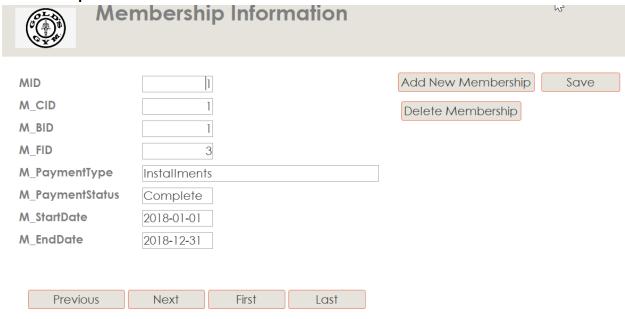
#### 3. Branch



#### 4. Facilities



## 5. Membership



Report showing groups in facilities:

	1		Gym	Everyday	Monthly	\$200	
	3		Gym	Everyday	Yearly	\$2000	
C			Gyiii	Lveryday	Teally	\$2000	
Spa		20	Class	F-:-1	N 4 = m + ln ln n	Ċ00	
	63	29	Class	Friday	Monthly	\$80	
	61	29	Class	Monday	Monthly	\$80	
	66	30	Class	Saturday	Monthly	\$80	
	64	30	Class	Tuesday	Monthly	\$80	
	65	30	Class	Thursday	Monthly	\$80	
	62	29	Class	Wednesday	Monthly	\$80	
Yoga							
	29	22	Class	Tuesday, Thursday, Saturday	Monthly	\$100	
	30	22	Class	Tuesday, Thursday, Saturday	Monthly	\$100	
	27	21	Class	Monday, Wednesday, Friday	Monthly	\$100	
	26	21	Class	Monday, Wednesday, Friday	Monthly	\$100	
	25	21	Class	Monday, Wednesday, Friday	Monthly	\$100	
	28	22	Class	Tuesday, Thursday, Saturday	Monthly	\$100	
Zumba							
	38	17	Class	Monday, Wednesday, Friday	Monthly	\$200	
	39	17	Class	Monday, Wednesday, Friday	Monthly	\$200	
	40	18	Class	Tuesday, Thursday, Saturday	Monthly	\$200	
	42	18	Class	Tuesday, Thursday, Saturday	Monthly	\$200	
	37	17	Class	Monday, Wednesday, Friday	Monthly	\$200	
	41	18	Class	Tuesday, Thursday, Saturday	Monthly	\$200	
Personal Trainer							
	18	9	Gym	Everyday	Yearly	\$5000	David
	19	10	Gym	Everyday	Yearly	\$3000	Eva
	20	6	Gym	Everyday	Monthly	\$600	Amelia
	21	7	Gym	Everyday	Monthly	\$600	Willia
	22	8	Gym	Everyday	Monthly	\$500	Emma

		24	10	Gym	Everyday	Mor	nthly	\$300	Eva
		16	7	Gym	Everyday	Year	rly	\$6000	Willia
		17	8	Gym	Everyday	Year	rly	\$5000	Emma
		15	6	Gym	Everyday	Yea	rly	\$6000	Amelia
Pilates	;								
		59	28	Class	Tuesday, Thursday, Saturday	/ Moi	nthly	\$100	
		58	28	Class	Tuesday, Thursday, Saturday	Mor	nthly	\$100	
		57	27	Class	Monday, Wednesday, Friday	Mor	nthly	\$100	
		56	27	Class	Monday, Wednesday, Friday	Mor	nthly	\$100	
		55	27	Class	Monday, Wednesday, Friday	Mor	nthly	\$100	
		60	28	Class	Tuesday, Thursday, Saturday	Mor	nthly	\$100	
Regula	ar Gym								
		2		Gym	Everyday		nthly	\$200	
		4		Gym	Everyday	Yea	rly	\$2000	
pa					1				
	68	3:	1 Cl	ass	Wednesday		Mor	nthly	\$80
	71	32	2 CI	ass	Thursday		Mor	nthly	\$80
	69	3:	1 CI	ass	Friday		Mor	nthly	\$80
	67	3:	1 Cl	ass	Monday		Mor	nthly	\$80
	72	32	2 CI	ass	Saturday		Mor	nthly	\$80
	70	32	2 CI	ass	Tuesday		Mor	nthly	\$80
/oga									
	31	23	3 CI	ass	Monday, Wednesday, Fr	iday	Mor	nthly	\$100
	32	23	3 CI	lass	Monday, Wednesday, Fr	iday	Mor	nthly	\$100
	33	23	3 CI	ass	Monday, Wednesday, Fr	iday	Mor	nthly	\$100
	34	24	4 CI	ass	Tuesday, Thursday, Satu	rday	Mor	nthly	\$100
	36	24	4 CI	ass	Tuesday, Thursday, Satu	rday	Mor	nthly	\$100
	35	24	4 CI	ass	Tuesday, Thursday, Satu	rday	Mor	nthly	\$100
Zumba									
	43	19	9 CI	ass	Monday, Wednesday, Fr	iday	Mor	nthly	\$200
	44	19	9 CI	ass	Monday, Wednesday, Fr	iday	Mor	nthly	\$200
	45	10	9 CI	ass	Monday, Wednesday, Fr	iday	Mor	nthly	\$200