

Assignment #2
Business Database Design

1. Defining relations using the parenthetical method, and stating our assumptions. Primary keys are underlined, foreign keys are italicized.

STUDENT (Cwid, FName, LName, StudentEmail)

Assumptions

- CWID is unique per student

STUDENTS_ASSOC (Cwid, *TeamID*)

- TeamID is unique per team

COACH (CoachId, FName, LName, Email, Phone)

- CoachID is unique per team

GAMES_ASSOC (*TeamId*, GamesId)

TEAMS (TeamId, TeamName, *SportId*, *CoachId*)

- Teams can only have one coach
- Coaches can volunteer to coach more than one team

COORDINATOR (CoordinatorId, FName, LName, Email, *SportId*)

- Coordinators are restricted to one sport, but one sport can have more than one coordinator

GAME (GameId, *RefId*, LocationId, Time, Date)

- Referee is chosen randomly by the user
- Primary key of Games Table determines RefID

SPORT (SportId, SportName)

REFEREE (RefId, FName, LName, RefEmail)

EQUIPMENT_LOG (EquipmentId, Cwid, DateBorrowed, DateReturned, Purpose, NoOfItemsBorrowed)

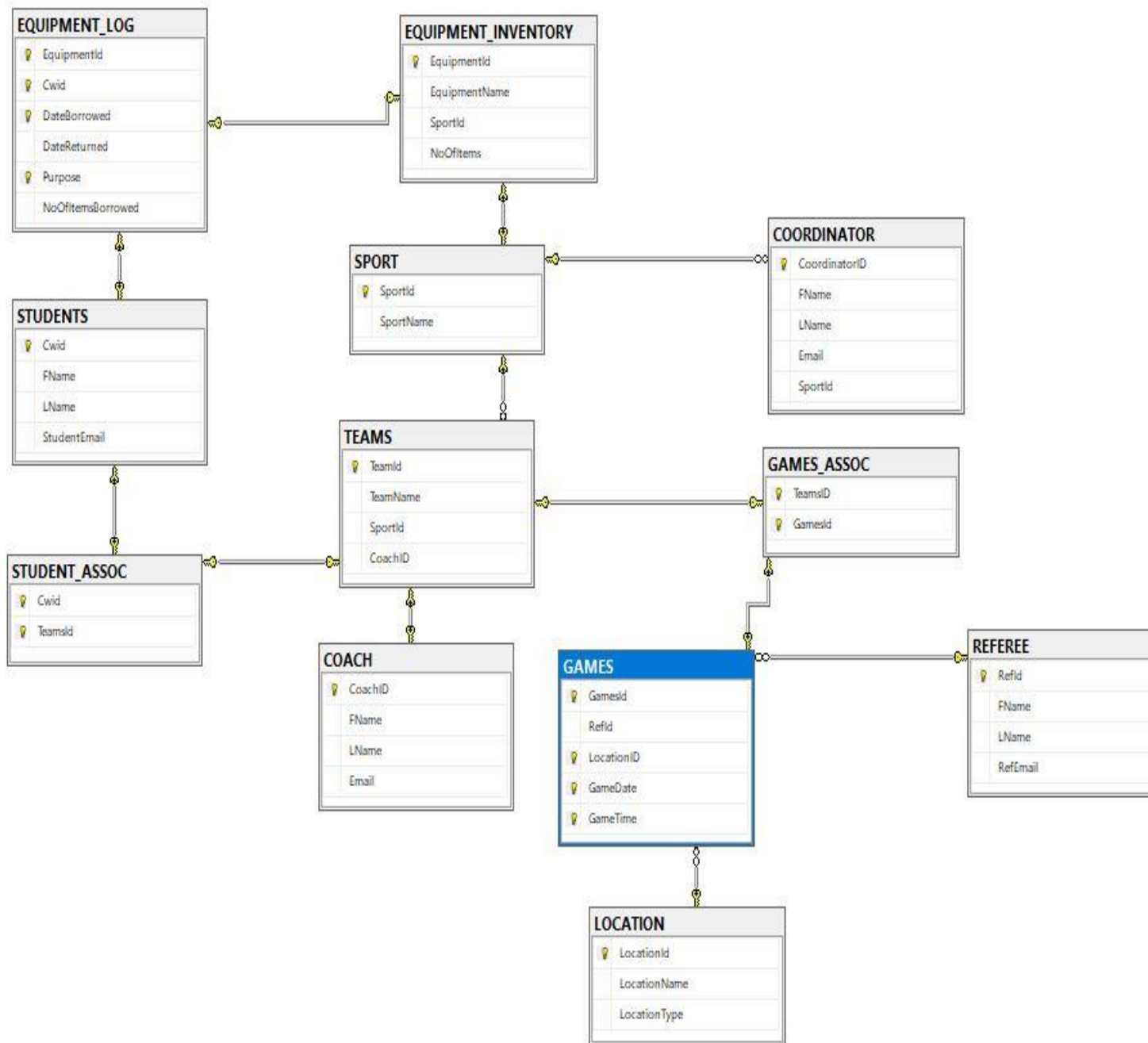
- Where EquipmentId is a foreign key linking the EQUIPMENT_INVENTORY table, and Cwid is a foreign key linking the STUDENTS table.

EQUIPMENT_INVENTORY (EquipmentId, EquipmentName, *SportID*, NoOfItems)

- Where SportId is a foreign key linking the SPORT table, and:

LOCATION (LocationId, LocationName, LocationType)

2. Database Diagram



3. What approach was used as part of normalizing the database design and how were the comments/feedback integrated in the process for developing well-formed relations?

Initially, the EQUIPMENT table had two themes which caused modification problems. For instance, consider that a student who has not returned some equipment leaves the intramural sports program. Deleting the student's information from the EQUIPMENT table would have also

deleted the data about the equipment that this student had not return. This would have led to inventory problems for the department.

Therefore, we followed up on Dr. Gonzalez's comments and split the EQUIPMENT table into two, EQUIPMENT_LOG to track how many of each item is checked out on a given day by a student and EQUIPMENT_INVENTORY to track inventory at the end of each practice or game day.

Moreover, the relationships between HOME_TEAMS, AWAY_TEAMS, STUDENTS, and GAMES were hard to keep track of. It was not an ideal relationship to put the primary keys of both the team's tables as foreign keys in the STUDENTS table. Therefore, having one TEAMS table allows the users to modify the table all in one place and allows to create different association tables between STUDENTS and TEAMS, and TEAMS and GAMES.

Thus, we followed Dr. Gonzalez's suggestion and merged HOME_TEAMS and AWAY_TEAMS into one TEAMS table. The STUDENT_ASSOC table is designed so that each student can be part of more than one team. Assuming a student can be part of only one team per sport, a student being in multiple teams means that he/she plays multiple sports in a given term. This association table handles the idea of which students are part of which teams.

Additionally, the GAMES_ASSOCIATION table is an association table with a composite primary key TeamsId linking the TEAMS table and GameId linking the GAMES table. This association table handles the idea of which teams are playing against each other in what game.

4. Database matrices providing the fields, data types, field size, and description (if applicable). In addition, any constraints that need to be considered are noted in remarks.

STUDENTS

Column Name	Type	Key	Required	Remarks
Cwid	Int	Primary Key	Yes	
FName	Text (25)	No	Yes	
LName	Text (30)	No	Yes	
StudentEmail	Text (100)	No	Yes	

COACH

Column Name	Type	Key	Required	Remarks
CoachId	Int	Primary Key	Yes	
FName	Text (25)	No	Yes	
LName	Text (30)	No	Yes	

Email	Text (100)	No	Yes	
Phone	Text (12)	No	Yes	

SPORT

Column Name	Type	Key	Required	Remarks
SportId	Int	Primary Key	Yes	
SportName	Text (30)	No	Yes	

COORDINATOR

Column Name	Type	Key	Required	Remarks
CoordinatorId	Int	Primary Key	Yes	
FName	Text (25)	No	Yes	
LName	Text (30)	No	Yes	
Email	Text (100)	No	Yes	
SportId	Int	Foreign Key	Yes	Links to SportId in SPORT

REFEREE

Column Name	Type	Key	Required	Remarks
RefId	Int	Primary Key	Yes	
FName	Text (25)	No	Yes	
LName	Text (30)	No	Yes	
RefEmail	Text (100)	No	Yes	

LOCATION

Column Name	Type	Key	Required	Remarks
LocationId	Int	Primary Key	Yes	
LocationName	Text (30)	No	Yes	
LocationType	Text (30)	No	Yes	

TEAMS

Column Name	Type	Key	Required	Remarks
TeamId	Int	Primary Key	Yes	
TeamName	Text (25)	No	Yes	
SportId	Text(30)	Foreign Key	Yes	Links to SportId in SPORT
CoachId	Text(100)	Foreign Key	Yes	Links to CoachID in COACH

STUDENT_ASSOC

Column Name	Type	Key	Required	Remarks
Cwid	Int	Composite Primary/Foreign Key	Yes	Links to Cwid in STUDENT
TeamsId	Int	Composite Primary/Foreign	Yes	Links to TeamsId in TEAMS

GAMES

Column Name	Type	Key	Required	Remarks
GamesId	Int	Composite Primary Key	Yes	
RefId	Int	Foreign Key	Yes	Links to RefId in REFEREE
LocationId	Int	Composite Primary/Foreign Key	Yes	Links to LocationId in LOCATION
Date	Date	Composite Primary Key	Yes	
Time	Time	Composite Primary Key	Yes	

GAMES_ASSOC

Column Name	Type	Key	Required	Remarks
TeamsId	Int	Composite Primary/Foreign Key	Yes	Links to TeamsId in TEAMS
GameId	Int	Composite Primary/Foreign Key	Yes	Links to GameId in GAMES

EQUIPMENT_INVENTORY

Column Name	Type	Key	Required	Remarks
EquipmentId	Int	Primary Key	Yes	
EquipmentName	Text (75)	No	Yes	
SportId	Int	Foreign Key	Yes	Links to SportId in SPORT
NoOfItems	Int	No	Yes	

EQUIPMENT_LOG

Column Name	Type	Key	Required	Remarks
EquipmentId	Int	Composite Primary/Foreign Key	Yes	Links to EquipmentID in EQUIPMENT
Cwid	Int	Composite Primary/Foreign Key	Yes	Links to Cwid in STUDENT
DateBorrowed	Date	Composite Key	Yes	
DateReturned	Date	No	Yes	
Purpose	Text (5)	Composite Key	Yes	
NoOfItemBorrowed	Int	No	Yes	

5. SQL syntaxes. Scripts to implement the database tables in SQL Server, and inserting data in those tables.

Note: Create a database “Intramural” before executing the scripts.

USE INTRAMURAL

GO

/***** Creating Tables*****/

CREATE TABLE STUDENTS (

Cwid Int NOT NULL UNIQUE,

FName Char(25) NOT NULL,

LName Char(30) NOT NULL,

```
StudentEmail VarChar(100) NOT NULL,  
CONSTRAINT STUDENTS_PK PRIMARY KEY(Cwid)  
);
```

```
CREATE TABLE COACH (  
CoachID Int NOT NULL UNIQUE,  
FName Char(25) NOT NULL,  
LName Char(30) NOT NULL,  
Email VarChar(100) NOT NULL,  
CONSTRAINT COACH_PK PRIMARY KEY(CoachID)  
);
```

```
CREATE TABLE SPORT (  
SportId Int NOT NULL UNIQUE,  
SportName Char(30) NOT NULL,  
CONSTRAINT SportId_PK PRIMARY KEY(SportId)  
);
```

```
CREATE TABLE COORDINATOR (  
CoordinatorID Int NOT NULL UNIQUE,  
FName Char(25) NOT NULL,  
LName Char(30) NOT NULL,  
Email VarChar(100) NOT NULL,  
SportId Int NOT NULL,  
CONSTRAINT COORDINATOR_PK PRIMARY KEY(CoordinatorID),  
CONSTRAINT SPORT_FK FOREIGN KEY(SportId)  
REFERENCES SPORT(SportId)  
);
```

```
CREATE TABLE REFEREE (  
RefId Int NOT NULL UNIQUE,  
FName Char(25) NOT NULL,  
LName Char(30) NOT NULL,  
RefEmail VarChar(100) NOT NULL,
```

```
CONSTRAINT RefId_PK PRIMARY KEY(RefId)
);
```

```
CREATE TABLE LOCATION (
LocationId Int NOT NULL UNIQUE,
LocationName Char(30) NOT NULL,
LocationType Char(30) NOT NULL,
CONSTRAINT LOCATION_PK PRIMARY KEY(LocationId)
);
```

```
CREATE TABLE TEAMS(
TeamId Int NOT NULL UNIQUE,
TeamName Char(25) NOT NULL UNIQUE,
SportId Int NOT NULL,
CoachID Int NOT NULL UNIQUE,
CONSTRAINT TEAMS_PK PRIMARY KEY(Teamid),
CONSTRAINT TEAMS_SPORT_FK FOREIGN KEY(SportId)
REFERENCES SPORT(SportId),
CONSTRAINT TEAMS_COACH_FK FOREIGN KEY(CoachId)
REFERENCES COACH(CoachId)
);
```

```
CREATE TABLE STUDENT_ASSOC (
Cwid Int NOT NULL UNIQUE,
TeamsId Int NOT NULL UNIQUE,
CONSTRAINT STUDENT_ASSOC_PK PRIMARY KEY(Cwid, TeamsId),
CONSTRAINT STUDENTS_FK FOREIGN KEY(Cwid)
REFERENCES STUDENTS(Cwid),
CONSTRAINT TEAMS_FK FOREIGN KEY(TeamsId)
REFERENCES TEAMS(TeamId)
);
```

```
CREATE TABLE GAMES (
GamesId Int NOT NULL UNIQUE,
```



```
RefId Int NOT NULL,  
LocationID Int NOT NULL,  
GameDate Date NOT NULL,  
GameTime Time NOT NULL,  
CONSTRAINT GAMES_PK PRIMARY KEY(GamesId, LocationId, GameDate, GameTime),  
CONSTRAINT REFEREE_FK FOREIGN KEY(RefId)  
REFERENCES REFEREE(RefID),  
CONSTRAINT LOCATION_FK FOREIGN KEY(LocationId)  
REFERENCES LOCATION(LocationId)  
);
```

```
CREATE TABLE GAMES_ASSOC (  
TeamsID Int NOT NULL UNIQUE,  
GamesId Int NOT NULL UNIQUE,  
CONSTRAINT GAMES_ASSOC_PK PRIMARY KEY(TeamsId, GamesId),  
CONSTRAINT GAMES_ASSOC_TEAMS_FK FOREIGN KEY(TeamsId)  
REFERENCES TEAMS(TeamId),  
CONSTRAINT GAMES_FK FOREIGN KEY(GamesId)  
REFERENCES GAMES(GamesId)  
);
```

```
CREATE TABLE EQUIPMENT_INVENTORY(  
EquipmentId Int NOT NULL UNIQUE,  
EquipmentName VarChar(75) NOT NULL,  
SportId Int NOT NULL,  
NoOfItems Int NOT NULL,  
CONSTRAINT EQUIPMENT_PK PRIMARY KEY(EquipmentId),  
CONSTRAINT EQUIPMENT_SPORT_FK FOREIGN KEY(SportId)  
REFERENCES SPORT(SportId)  
);
```

```
CREATE TABLE EQUIPMENT_LOG(  
EquipmentId Int NOT NULL,
```

```
Cwid Int NOT NULL,  
DateBorrowed Date NOT NULL,  
DateReturned Date NOT NULL,  
Purpose Char(5) NOT NULL,  
NoOfItemsBorrowed Int NOT NULL,  
CONSTRAINT EQUIPMENT_LOG_PF PRIMARY KEY(EquipmentId, Cwid, DateBorrowed,  
Purpose),  
CONSTRAINT EQUIPMENT_LOG_STUDENTS_FK FOREIGN KEY(Cwid)  
REFERENCES STUDENTS(Cwid),  
CONSTRAINT EQUIPMENT_LOG_EQUIPMENT_INV_FK FOREIGN KEY(EquipmentId)  
REFERENCES EQUIPMENT_INVENTORY(EquipmentId)  
);
```

```
/***** Inserting Data *****/
```

```
USE INTRAMURAL  
GO
```

```
/* Student */
```

```
INSERT INTO STUDENTS VALUES(12345678, 'Daniel', 'Man', 'danielman@csu.fullerton.edu');  
INSERT INTO STUDENTS VALUES(21354931, 'Paul', 'Green', 'paulgreen@csu.fullerton.edu');  
INSERT INTO STUDENTS VALUES(45612353, 'Lucy', 'Woman', 'lucywoman@csu.fullerton.edu');  
INSERT INTO STUDENTS VALUES(98745611, 'Steph', 'Curry', 'stephcurry@csu.fullerton.edu');  
INSERT INTO STUDENTS VALUES(23123457, 'Greg', 'Chan', 'gregagcj@csu.fullerton.edu');  
INSERT INTO STUDENTS VALUES(35697812, 'Stephanie', 'Mgun',  
'stephmgun12@csu.fullerton.edu');  
INSERT INTO STUDENTS VALUES(43146518, 'Otelio', 'Men', 'oteliomen89@csu.fullerton.edu');  
INSERT INTO STUDENTS VALUES(11234561, 'Ian', 'Stan', 'ianstan@csu.fullerton.edu');  
INSERT INTO STUDENTS VALUES(98754123, 'Manny', 'Power', 'mannypower@csu.fullerton.edu');  
INSERT INTO STUDENTS VALUES(54562135, 'Giselle', 'Li', 'giselleli@csu.fullerton.edu');
```

```
/* Coach */
```

```
INSERT INTO COACH VALUES(1, 'Greg', 'Popovich', 'gpopovich@fullerton.edu');  
INSERT INTO COACH VALUES(2, 'Luke', 'Walton', 'lwalton@fullerton.edu');  
INSERT INTO COACH VALUES(3, 'Steve', 'Kerr', 'skerr@fullerton.edu');
```

```
INSERT INTO COACH VALUES(4, 'Mike', 'Pop', 'mpop@fullerton.edu');
INSERT INTO COACH VALUES(5, 'Manny', 'Pacquiao', 'mpacquiao@fullerton.edu');
INSERT INTO COACH VALUES(6, 'Tyson', 'Fury', 'tfury@fullerton.edu');
INSERT INTO COACH VALUES(7, 'Deontay', 'Wilder', 'dwilder@fullerton.edu');
INSERT INTO COACH VALUES(8, 'Ryan', 'Garcias', 'rgarcias@fullerton.edu');
INSERT INTO COACH VALUES(9, 'Fred', 'Ion', 'fion@fullerton.edu');
INSERT INTO COACH VALUES(10, 'Bob', 'Ross', 'bross@fullerton.edu');
```

```
/* SPORT */
```

```
INSERT INTO SPORT VALUES(123, 'Football');
INSERT INTO SPORT VALUES(458, 'Basketball');
INSERT INTO SPORT VALUES(787, 'Baseball');
INSERT INTO SPORT VALUES(651, 'Soccer');
INSERT INTO SPORT VALUES(986, 'Hockey');
INSERT INTO SPORT VALUES(824, 'Swimming');
INSERT INTO SPORT VALUES(987, 'Boxing');
INSERT INTO SPORT VALUES(664, 'Bowling');
INSERT INTO SPORT VALUES(214, 'Badminton');
INSERT INTO SPORT VALUES(373, 'Tennis');
```

```
/* Coordinator */
```

```
INSERT INTO COORDINATOR VALUES(1234, 'Mary', 'Abernathy', 'mabernathy@fullerton.edu', 123);
INSERT INTO COORDINATOR VALUES(5678, 'Tom', 'Caruthers', 'tcaruthers@fullerton.edu', 458);
INSERT INTO COORDINATOR VALUES(9874, 'Heather', 'Jones', 'hjones@fullerton.edu', 787);
INSERT INTO COORDINATOR VALUES(1324, 'Ken', 'Numoto', 'knumoto@fullerton.edu', 651);
INSERT INTO COORDINATOR VALUES(1264, 'Linda', 'Granger', 'lgranger@fullerton.edu', 986);
INSERT INTO COORDINATOR VALUES(7898, 'Ken', 'Evans', 'kevans@fullerton.edu', 824);
INSERT INTO COORDINATOR VALUES(1658, 'Mary', 'Jacobs', 'mjacobs@fullerton.edu', 987);
INSERT INTO COORDINATOR VALUES(9875, 'Rosalie', 'Jackson', 'rjackson@fullerton.edu', 664);
INSERT INTO COORDINATOR VALUES(1214, 'Richard', 'Bandalone', 'rbandalone@fullerton.edu', 214);
INSERT INTO COORDINATOR VALUES(1895, 'George', 'Smith', 'gsmith@fullerton.edu', 373);
```

/* Location */

```
INSERT INTO LOCATION VALUES(621, 'Basketball Court1', 'Court');
INSERT INTO LOCATION VALUES(801, 'Basketball Court2', 'Court');
INSERT INTO LOCATION VALUES(832, 'Basketball Court3', 'Court');
INSERT INTO LOCATION VALUES(834, 'Football Field1', 'Field');
INSERT INTO LOCATION VALUES(836, 'Football Field2', 'Field');
INSERT INTO LOCATION VALUES(838, 'Football Field3', 'Field');
INSERT INTO LOCATION VALUES(631, 'Soccer Field1', 'Field');
INSERT INTO LOCATION VALUES(831, 'Soccer Field2', 'Field');
INSERT INTO LOCATION VALUES(833, 'Pool1', 'Pool');
INSERT INTO LOCATION VALUES(837, 'Pool2', 'Pool');
```

/* REFEREE */

```
INSERT INTO REFEREE VALUES(11,'Sam', 'Stewart','SamStewart@csu');
INSERT INTO REFEREE VALUES(21,'Tom', 'Jackson', 'TomJackson@csu');
INSERT INTO REFEREE VALUES(31,'Mary', 'Smith', 'MarySmith@csu');
INSERT INTO REFEREE VALUES(41,'Jason', 'Sleeman','JasonSleeman@csu');
INSERT INTO REFEREE VALUES(51,'Mike', 'Nguyen', 'MikeNguyen@csu');
INSERT INTO REFEREE VALUES(61, 'Rick', 'Brown', 'RickBrown@csu');
INSERT INTO REFEREE VALUES(71, 'James', 'Nestor', 'JamesNestor@csu');
INSERT INTO REFEREE VALUES(81, 'Bill', 'Vinovick', 'BillVinovick@csu');
INSERT INTO REFEREE VALUES(91, 'Edward', 'Hochuli', 'EdwardHochuli@csu');
INSERT INTO REFEREE VALUES(01, 'Carson', 'Wentz', 'CarsonWentz@csu');
```

/* Teams */

```
INSERT INTO TEAMS VALUES(01, 'Los Angeles Clippers', 458, 1);
INSERT INTO TEAMS VALUES(02, 'Los Angeles Lakers', 458, 2);
INSERT INTO TEAMS VALUES(03, 'Chicago Cubs', 787, 3);
INSERT INTO TEAMS VALUES(04, 'New York Yankees', 787, 4);
INSERT INTO TEAMS VALUES(05, 'Manchester United', 651, 5);
INSERT INTO TEAMS VALUES(06, 'FC Barcelona', 651, 6);
INSERT INTO TEAMS VALUES(07, 'AC Milan', 651, 7);
INSERT INTO TEAMS VALUES(08, 'Brooklyn Nets', 458, 8);
```

```
INSERT INTO TEAMS VALUES(09, 'Team Bowling', 664, 9);
INSERT INTO TEAMS VALUES(10, 'Team Badminton', 214, 10);
```

```
/*STUDENT_ASSOC*/
```

```
INSERT INTO STUDENT_ASSOC VALUES(12345678, 01);
INSERT INTO STUDENT_ASSOC VALUES(21354931, 03);
INSERT INTO STUDENT_ASSOC VALUES(45612353, 06);
INSERT INTO STUDENT_ASSOC VALUES(98745611, 04);
INSERT INTO STUDENT_ASSOC VALUES(23123457, 05);
INSERT INTO STUDENT_ASSOC VALUES(35697812, 02);
INSERT INTO STUDENT_ASSOC VALUES(43146518, 07);
INSERT INTO STUDENT_ASSOC VALUES(11234561, 08);
INSERT INTO STUDENT_ASSOC VALUES(98754123, 09);
INSERT INTO STUDENT_ASSOC VALUES(54562135, 10);
```

```
/* Games */
```

```
INSERT INTO GAMES VALUES(01, 11, 621, '18-AUG-2020', '10:00AM');
INSERT INTO GAMES VALUES(02, 21, 801, '19-AUG-2020', '9:00AM');
INSERT INTO GAMES VALUES(03, 11, 832, '20-AUG-2020', '12:00PM');
INSERT INTO GAMES VALUES(04, 31, 834, '21-AUG-2020', '1:00PM');
INSERT INTO GAMES VALUES(05, 21, 836, '18-AUG-2020', '12:00PM');
INSERT INTO GAMES VALUES(06, 41, 838, '20-AUG-2020', '11:00AM');
INSERT INTO GAMES VALUES(07, 51, 631, '19-AUG-2020', '10:00AM');
INSERT INTO GAMES VALUES(08, 21, 621, '20-AUG-2020', '10:00AM');
INSERT INTO GAMES VALUES(09, 31, 621, '21-AUG-2020', '10:00AM');
INSERT INTO GAMES VALUES(10, 61, 621, '30-AUG-2020', '10:00AM');
```

```
/* Games_Assoc */
```

```
INSERT INTO GAMES_ASSOC VALUES(01, 01);
INSERT INTO GAMES_ASSOC VALUES(02, 02);
INSERT INTO GAMES_ASSOC VALUES(03, 03);
INSERT INTO GAMES_ASSOC VALUES(04, 04);
INSERT INTO GAMES_ASSOC VALUES(05, 05);
```

```

INSERT INTO GAMES_ASSOC VALUES(06, 06);
INSERT INTO GAMES_ASSOC VALUES(07, 07);
INSERT INTO GAMES_ASSOC VALUES(08, 08);
INSERT INTO GAMES_ASSOC VALUES(09, 09);
INSERT INTO GAMES_ASSOC VALUES(10, 10);

/* EQUIPMENT_INVENTORY */
INSERT INTO EQUIPMENT_INVENTORY VALUES(01, 'Basketball', 458, 15);
INSERT INTO EQUIPMENT_INVENTORY VALUES(02, 'Tennis Ball', 373, 100);
INSERT INTO EQUIPMENT_INVENTORY VALUES(03, 'Football', 123, 15);
INSERT INTO EQUIPMENT_INVENTORY VALUES(04, 'Soccer Ball', 651, 15);
INSERT INTO EQUIPMENT_INVENTORY VALUES(05, 'Bowling Ball', 664, 20);
INSERT INTO EQUIPMENT_INVENTORY VALUES(06, 'Bowling Shoe', 664, 50);
INSERT INTO EQUIPMENT_INVENTORY VALUES(07, 'Badminton Raquet', 214, 15);
INSERT INTO EQUIPMENT_INVENTORY VALUES(08, 'Hockey Puck', 986, 50);
INSERT INTO EQUIPMENT_INVENTORY VALUES(09, 'Baseball Bat', 787, 15);
INSERT INTO EQUIPMENT_INVENTORY VALUES(10, 'Baseball', 787, 30);

/* EQUIPMENT_LOG */
INSERT INTO EQUIPMENT_LOG VALUES(01, 12345678, '02/20/2020', '02/20/2020', 'P', 1);
INSERT INTO EQUIPMENT_LOG VALUES(02, 21354931, '02/21/2020', '02/21/2020', 'P', 1);
INSERT INTO EQUIPMENT_LOG VALUES(01, 45612353, '02/21/2020', '02/21/2020', 'P', 1);
INSERT INTO EQUIPMENT_LOG VALUES(03, 98745611, '02/22/2020', '02/22/2020', 'P', 1);
INSERT INTO EQUIPMENT_LOG VALUES(03, 45612353, '02/23/2020', '02/23/2020', 'P', 1);
INSERT INTO EQUIPMENT_LOG VALUES(05, 12345678, '02/25/2020', '02/25/2020', 'G', 1);
INSERT INTO EQUIPMENT_LOG VALUES(06, 98745611, '02/25/2020', '02/25/2020', 'G', 1);
INSERT INTO EQUIPMENT_LOG VALUES(07, 11234561, '02/26/2020', '02/26/2020', 'G', 1);
INSERT INTO EQUIPMENT_LOG VALUES(09, 23123457, '02/27/2020', '02/27/2020', 'G', 1);
INSERT INTO EQUIPMENT_LOG VALUES(08, 54562135, '02/27/2020', '02/27/2020', 'G', 1);

/*****
*****/

```

6. Screenshots illustrating each table's dummy records

STUDENTS

	Cwid	FName	LName	StudentEmail
1	11234561	Ian	Stan	ianstan@csu.fullerton.edu
2	12345678	Daniel	Man	danielman@csu.fullerton.edu
3	21354931	Paul	Green	paulgreen@csu.fullerton.edu
4	23123457	Greg	Chan	gregagcj@csu.fullerton.edu
5	35697812	Stephanie	Mgun	stephmgun12@csu.fullerton.edu
6	43146518	Otelio	Men	oteliomen89@csu.fullerton.edu
7	45612353	Lucy	Woman	lucywoman@csu.fullerton.edu
8	54562135	Giselle	Li	giselleli@csu.fullerton.edu
9	98745611	Steph	Curry	stephcurry@csu.fullerton.edu
10	98754123	Manny	Power	mannypower@csu.fullerton.edu

COACH

	CoachID	FName	LName	Email
1	1	Greg	Popvich	gpopvich@fullerton.edu
2	2	Luke	Walton	lwalton@fullerton.edu
3	3	Steve	Kerr	skerr@fullerton.edu
4	4	Mike	Pop	mpop@fullerton.edu
5	5	Manny	Pacquiao	mpacquiao@fullerton.edu
6	6	Tyson	Fury	tfury@fullerton.edu
7	7	Deontay	Wilder	dwilder@fullerton.edu
8	8	Ryan	Garcias	rgarcias@fullerton.edu
9	9	Fred	Ion	fion@fullerton.edu
10	10	Bob	Ross	bross@fullerton.edu

SPORT

	SportId	SportName
1	123	Football
2	214	Badminton
3	373	Tennis
4	458	Basketball
5	651	Soccer
6	664	Bowling
7	787	Baseball
8	824	Swimming
9	986	Hockey
10	987	Boxing

COORDINATOR

	CoordinatorID	FName	LName	Email	SportId
1	1214	Richard	Bandalone	rbandalone@fullerton.edu	214
2	1234	Mary	Abernathy	mabernathy@fullerton.edu	123
3	1264	Linda	Granger	lgranger@fullerton.edu	986
4	1324	Ken	Numoto	knumoto@fullerton.edu	651
5	1658	Mary	Jacobs	mjacobs@fullerton.edu	987
6	1895	George	Smith	gsmith@fullerton.edu	373
7	5678	Tom	Caruthers	tcaruthers@fullerton.edu	458
8	7898	Ken	Evans	kevans@fullerton.edu	824
9	9874	Heather	Jones	hjones@fullerton.edu	787
10	9875	Rosalie	Jackson	rjackson@fullerton.edu	664

REFEREE

	RefId	FName	LName	RefEmail
1	1	Carson	Wentz	CarsonWentz@csu
2	11	Sam	Stewart	SamStewart@csu
3	21	Tom	Jackson	TomJackson@csu
4	31	Mary	Smith	MarySmith@csu
5	41	Jason	Sleeman	JasonSleeman@csu
6	51	Mike	Nguyen	MikeNguyen@csu
7	61	Rick	Brown	RickBrown@csu
8	71	James	Nestor	JamesNestor@csu
9	81	Bill	Vinovick	BillVinovick@csu
10	91	Edward	Hochuli	EdwardHochuli@csu

LOCATION

	LocationId	LocationName	LocationType
1	621	Basketball Court1	Court
2	631	Soccer Field1	Field
3	801	Basketball Court2	Court
4	831	Soccer Field2	Field
5	832	Basketball Court3	Court
6	833	Pool1	Pool
7	834	Football Field1	Field
8	836	Football Field2	Field
9	837	Pool2	Pool
10	838	Football Field3	Field

TEAMS

	TeamId	TeamName	SportId	CoachID
1	1	Los Angeles Clippers	458	1
2	2	Los Angeles Lakers	458	2
3	3	Chicago Cubs	787	3
4	4	New York Wankees	787	4
5	5	Manchester United	651	5
6	6	FC Barcelona	651	6
7	7	AC Milan	651	7
8	8	Brooklyn Nets	458	8
9	9	Team Bowling	664	9
10	10	Team Badminton	214	10

STUDENT_ASSOC

	Cwid	TeamsId
1	11234561	8
2	12345678	1
3	21354931	3
4	23123457	5
5	35697812	2
6	43146518	7
7	45612353	6
8	54562135	10
9	98745611	4
10	98754123	9

GAMES

	GamesId	RefId	LocationID	GameDate	GameTime
1	1	11	621	2020-08-18	10:00:00.0000000
2	2	21	801	2020-08-19	09:00:00.0000000
3	3	11	832	2020-08-20	12:00:00.0000000
4	4	31	834	2020-08-21	13:00:00.0000000
5	5	21	836	2020-08-18	12:00:00.0000000
6	6	41	838	2020-08-20	11:00:00.0000000
7	7	51	631	2020-08-19	10:00:00.0000000
8	8	21	621	2020-08-20	10:00:00.0000000
9	9	31	621	2020-08-21	10:00:00.0000000
10	10	61	621	2020-08-30	10:00:00.0000000

GAMES_ASSOC

	TeamsID	GamesId
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10

EQUIPMENT_INVENTORY

	EquipmentId	EquipmentName	SportId	NoOfItems
1	1	Basketball	458	15
2	2	Tennis Ball	373	100
3	3	Football	123	15
4	4	Soccer Ball	651	15
5	5	Bowling Ball	664	20
6	6	Bowling Shoe	664	50
7	7	Badminton Raquet	214	15
8	8	Hockey Puck	986	50
9	9	Baseball Bat	787	15
10	10	Baseball	787	30

EQUIPMENT_LOG

	EquipmentId	Cwid	DateBorrowed	DateReturned	Purpose	NoOfItemsBorrowed
1	1	12345678	2020-02-20	2020-02-20	P	1
2	1	45612353	2020-02-21	2020-02-21	P	1
3	2	21354931	2020-02-21	2020-02-21	P	1
4	3	45612353	2020-02-23	2020-02-23	P	1
5	3	98745611	2020-02-22	2020-02-22	P	1
6	5	12345678	2020-02-25	2020-02-25	G	1
7	6	98745611	2020-02-25	2020-02-25	G	1
8	7	11234561	2020-02-26	2020-02-26	G	1
9	8	54562135	2020-02-27	2020-02-27	G	1
10	9	23123457	2020-02-27	2020-02-27	G	1