Project title: Baseball Database

Description: This is a database about some of the current MLB players, their managers, and the different leagues around the world involving baseball.

--drop table order

Drop table works\_on;

Drop table practice;

Drop table manager;

Drop table dependent;

Drop table player;

Drop table league\_locations;

Drop table league;

Drop table pets

Drop table owners

Drop table parents

Drop table siblings

Drop table Items

--Create Tables

CREATE TABLE LEAGUE

(Leaguename varchar(25) NOT NULL,

Leaguenumber char(6) NOT NULL,

Yearcreated char(4) NOT NULL,

Numberofteams char(2) NOT NULL,

Country varchar(25) NOT NULL,

PRIMARY KEY(Leaguenumber));

insert into league values('National ','1','1876','15','USA');

insert into league values('American','2','1901','15','USA');

insert into league values('International','3','1884','20','USA');

insert into league values('Mexican ','4','1925','18','Mexico');

insert into league values('Italian','5','1948','6','Italy');

insert into league values('Pacific Coast','6','1903','10','USA');

insert into league values('Pioneer','7','1939','10','USA');

insert into league values('Chinese','8','1989','6','Taiwan');

insert into league values('Dominican','9','1955','6','Domican Republic');

insert into league values('Midwest','10','1947','12','USA');

Commit;

CREATE TABLE League\_Locations

(Lnumber char(6) NOT NULL,

Llocation char(35) NOT NULL,

Timezone char(5) NOT NULL,

Stadiumname varchar(40) NOT NULL,

Division varchar(50) NOT NULL,

PRIMARY KEY(Lnumber,Llocation));

FOREIGN KEY(Lnumber) references league(Leaguenumber);

insert into league\_locations values('1','Atlanta','EST','Truist Park','National League East');

insert into league\_locations values('2','Queens','EST','Citi Field','National League East');

insert into league\_locations values('3','Philidelphia','EST','Citizens Bank Park','National League East');

insert into league\_locations values('4','Miami','EST','Marlins Park','National League East');

insert into league\_locations values('5','Washington DC','EST','Nationals Park','National League East');

insert into league\_locations values('6','St. Louis','CST','Busch Stadium','National League Central');

insert into league\_locations values('7','Milwaukee','CST','Miller Park','National League Central');

insert into league\_locations values('8','Chicago','CST','Wrigley Field','National League Central');

insert into league\_locations values('9','Cincinnatti','EST','Great American Ball Park','National League Central');

insert into league\_locations values('10','Pittsburgh','EST','PNC Park','National League Central');

insert into league\_locations values('11','Los Angeles','PST','Dodger Stadium','National League West');

insert into league\_locations values('12','San Diego','PST','Petco Park','National League West');

insert into league\_locations values('13','San Francisco','PST','Oracle Park','National League West');

insert into league\_locations values('14','Phoenix','PST','Chase Field','National League West');

insert into league\_locations values('15','Denver','MST','Coors Field','National League West');

insert into league\_locations values('16','Bronx','EST','Yankee Stadium','American League East');

insert into league\_locations values('17','Toronto','EST','Rogers Centre','American League East');

insert into league\_locations values('18','Tampa Bay','EST','Tropicana Field','American League East');

insert into league\_locations values('19','Baltimore','EST','Oriole Park at Camden Yards','American League East');

insert into league\_locations values('20','Boston','EST','Fenway Park','American League East');

insert into league\_locations values('21','Cleveland','EST','Progressive Field','American League Central');

insert into league\_locations values('22','Seattle','PST','T-mobile Park','American League West');

insert into league\_locations values('23','Los Angeles','PST','Angel Stadium','American League West');

insert into league\_locations values('24','Arlington','CST','Globe Life Field','American League West');

insert into league\_locations values('25','Oakland','PST','Ringcentral Coliseum','American League West');

insert into league\_locations values('26','Chicago','CST','Guranteed Rate Field','American League Central');

insert into league\_locations values('27','Minneapolis','CST','Target Field','American League Central');

insert into league\_locations values('28','Detroit','EST','Comerica Field','American League Central');

insert into league\_locations values('29','Kansas City','CST','Kauffman Stadium','American League Central');

insert into league\_locations values('30','Houston','CST','Minute Maid Park','American League West');

Commit;

CREATE Table Player

(playerid char(5) NOT NULL,

Fname varchar(12) NOT NULL,

Lname varchar(18) NOT NULL,

Lno char(6) NOT NULL,

Leaguenum char(5) NOT NULL,

Superplayerid char(6) NOT NULL,

Position varchar (35) NOT NULL,

PRIMARY KEY(playerid));

FOREIGN KEY(Lno) references league\_locations(Lnumber);

FOREIGN KEY(leaguenum) references league(Lnumber);

insert into player values('99','Max','Scherzer','2','2','10','Pitcher');

insert into player values('98','Gerrit','Cole','16','1','9','Pitcher');

insert into player values('97','Cody','Bellinger','11','2','2','Outfielder');

insert into player values('96','Julilo','Martinez','20','1','1','Outfielder');

insert into player values('95','Trea ','Turner','11','2','2','Shortstop');

insert into player values('94','Vladimir.','Guerrero Jr.','17','1','3','Third Baseman');

insert into player values('93','Christian ','Yelich','7','2','4','Outfielder');

insert into player values('92','Nolan ','Arenado','15','2','6','Third Baseman');

insert into player values('91','Jacob','deGrom','2','2','10','Pitcher');

insert into player values('90','Freddie ','Freeman','11','2','2','First Baseman');

insert into player values('89','Aaron ','Judge','16','1','9','Outfielder');

insert into player values('88','Ronald','Acuna Jr','1','2','7','Outfielder');

insert into player values('87','Mookie ','Betts','11','2','2','Outfielder');

insert into player values('86','Shohei ','Ohtani','23','1','8','Pitcher');

insert into player values('85','Mike ','Trout','23','1','8','Outfielder');

insert into player values('84','Jose','Altuve','30','1','5','Second Baseman');

CREATE TABLE dependent

(eplayerid char(6) NOT NULL,

DependentName varchar(35) NOT NULL,

Sex varchar(9) NOT NULL,

Birthday varchar(15)NOT NULL,

Relationship varchar(15) NOT NULL,

PRIMARY KEY(eplayerid , DependentName));

FOREIGN KEY(eplayerID) references player(playerid);

insert into dependent values('99','Erica-May Scherzer','Female','January 30,1986','Spouse');

insert into dependent values('98','Amy Crawford','Female','January 10,1989','Spouse');

insert into dependent values('97','Chase Carter','Female','June 10,1997','Spouse');

insert into dependent values('96','Ariana Aubert','Female','May 10,1989','Spouse');

insert into dependent values('94','Kristen Harabedian','Female','May 1,992','Spouse');

insert into dependent values('93','Emily Balkind','Female','Unknown','Spouse');

insert into dependent values('92','Laura Kwan','Female','Unknown','Spouse');

insert into dependent values('91','Stacey deGrom','Female','Unknown','Spouse');

insert into dependent values('90','Chelsea Goff','Female','April 24,1994','Spouse');

insert into dependent values('89','Samantha Bracksieck','Female','August 12,1993','Spouse');

insert into dependent values('88','Eva Luccia','Female','Unknown','Spouse');

insert into dependent values('87','Brianna Hammonds','Female','August 7th, 1994','Spouse');

insert into dependent values('85','Jessica Coxx','Female','October 5,1989','Spouse');

insert into dependent values('84','Nina Altuve','Female','February 2,1992','Spouse');

Commit;

CREATE TABLE manager

(superplayerid char(6) NOT NULL,

Fname varchar(25) NOT NULL,

Lname varchar(25) NOT NULL,

Lno char(5) NOT NULL,

Salary decimal NOT NULL,

PRIMARY KEY(superplayerid));

FOREIGN KEY(superplayerid) references player(superplayerid);

FOREIGN KEY(Lno) references league\_locations(Lnumber);

FOREIGN KEY(Lno) references league(Lnumber);

insert into manager values('1','Alex','Cora','20','800000');

insert into manager values('2','Dave ','Roberts','11','650000');

insert into manager values('3','John','Schneider','17','77900');

insert into manager values('4','Craig','Counsell','7','1500000');

insert into manager values('5','Dusty','Baker','30','1200000');

insert into manager values('6','Bud','Black','15','1500000');

insert into manager values('7','Brian','Snitker','1','800000');

insert into manager values('8','Phil','Nevin','23','1150000');

insert into manager values('9','Aaron','Boone','16','1150000');

insert into manager values('10','Buck','Showalter','2','4000000');

Commit;

CREATE TABLE practice

(Pname varchar(25) NOT NULL,

Pnumber char(5) NOT NULL,

Plocation varchar(25) NOT NULL,

Lnum char(6) NOT NULL,

Trainername varchar(25) NOT NULL,

PRIMARY KEY(Pnumber));

FOREIGN KEY(Lum) references player(Lno);

insert into practice values('Wiffle Ball Batting','55','Southaven','1','John');

insert into practice values('Skill Building','60','Horn Lake','2','Bob');

insert into practice values('Playing Catch','65','Hernando','1','Craig');

insert into practice values('Rundowns','70','Walls','2','Robert');

insert into practice values('Batting','75','Olive Branch','1','Don');

insert into practice values('Scrimmage','80','Como','2','Micheal');

insert into practice values('Base Running','85','Oxford','2','Sam');

insert into practice values('Flyballs','90','Southaven','1','Billy');

insert into practice values('Mass Groundballs','95','Horn Lake','1','David');

insert into practice values('Flyball Communication','100','Walls','1','Jose');

Commit;

CREATE TABLE works\_on

(eplayerid char(6) NOT NULL,

Pno char(10) NOT NULL,

Hourspracticeddaily decimal NOT NULL,

Hourspracticedweekly decimal NOT NULL,

Hourspracticedmonthly decimal NOT NULL,

PRIMARY KEY (eplayerid, Pno));

FOREIGN KEY(Pno) references practice(Lnum);

FOREIGN KEY(eplayerid) references player(playerid);

insert into works\_on values('99','60','10','40','200');

insert into works\_on values('98','60','8','39','190');

insert into works\_on values('97','55','9','41','186');

insert into works\_on values('96','65','8.5','42','192');

insert into works\_on values('95','70','7.2','38','188');

insert into works\_on values('94','75','11','40','187');

insert into works\_on values('93','80','8.5','39','195');

insert into works\_on values('92','85','7.9','36','201');

insert into works\_on values('91','60','8.3','39','190');

insert into works\_on values('90','90','9','40','189');

insert into works\_on values('89','85','8.2','38','188');

insert into works\_on values('88','90','10','40','199');

insert into works\_on values('87','95','11','35','190');

insert into works\_on values('86','60','12','41','188');

insert into works\_on values('85','100','13','42','186');

Commit;

Create Table pets

(petid char(10) NOT NULL,

Petname varchar(25) NOT NULL,

PetType varchar(50) NOT NULL,

PetHome varchar(50) NOT NULL,

Sex varchar(10) NOT NULL,

PRIMARY KEY(petid, Petname));

FOREIGN KEY(petid) references player (playerid);

insert into pets values('89','Lucky','Shepherd mix','Linden,CA','male');

insert into pets values('90','Nala','tabby cat','Los Angeles,CA','female');

insert into pets values('99','Bo','american terrier','new york city','male');

insert into pets values('99','Rafi','french bulldog','new york city','male');

insert into pets values('99','Rocco','GSP mix','new york city','male');

insert into pets values('99','Zou','boxer','new york city','female');

insert into pets values('85','Juno','Alaskan Huskey','Los Angeles,CA','male');

insert into pets values('85','Josie','Alaskan Huskey','Los Angeles,CA','female');

insert into pets values('87','Leo','chihuahua','Los Angeles,CA','male');

insert into pets values('92','Mo','white havanese','Lake Forest,CA','male');

Commit;

CREATE Table owners

(ownerid char(10) NOT NULL,

OwnerName varchar(50) NOT NULL,

Operatingentitiesname varchar(50) NOT NULL,

Yearowned char(5) NOT NULL,

Costofteam varchar(25) NOT NULL,

PRIMARY KEY(ownerid));

FOREIGN KEY(ownerid) references league\_locations (Lnumber);

insert into owners values('1','Liberty Media','Atlanta National League Baseball Club Inc','2007','1270 million');

insert into owners values('2','Steven Cohen','none','2020','2.4 billion');

insert into owners values('3','Dave Montgomery','The Phillies','1981','30 million');

insert into owners values('4','Bruce Sherman','none','2017','1.2 billion');

insert into owners values('5','Mark Lerner','Washington Nationals Baseball Club LLC','2018','450 million');

insert into owners values('6','William DeWitt, Jr','St Louis National Baseball Club Inc','1995','150 million');

insert into owners values('7','Mark Attanasio','Milwaukee Brewers Baseball Club','2005','223 million');

insert into owners values('8','Tom Ricketts','Chicago National League Ball Club Inc','2009','845 million');

insert into owners values('9','Robert Castellini','Cincinnati Reds LLC','2005','270 million');

insert into owners values('10','Robert Nutting','Pittsburgh Associates LP','1996','92 million');

insert into owners values('11','Mark Walter','Guggenheim Baseball Management LLC','2012','2.15 billion');

insert into owners values('12','Ron Fowler','The San Diego Padres','2012','800 million');

insert into owners values('13','Sue Burns','San Francisco Baseball Associates','1992','100 million');

insert into owners values('14','Kenneth Kendrick','AZPB LP, AZPBI Inc','2004','238 million');

insert into owners values('15','Charles Monfort','Colorado Rockies Baseball Club Ltd','1992','95 million');

insert into owners values('16','Hal Steinbrenner','New York Yankees Partnership','2009','10 million');

insert into owners values('17','Edward Rogers','Rogers Blue Jays Baseball Partnership','2008','137 million');

insert into owners values('18','Stuart Sternberg','Tampa Bay Devil Rays Ltd','2004','200 million');

insert into owners values('19','John Angelos','Baltimore Baseball Club Inc','1993','173 million');

insert into owners values('20','John Henry','Boston Red Sox Baseball Club LP','2002','380 million');

insert into owners values('21','Larry Dolan','Cleveland Indians Baseball Co LP','2000','323 million');

insert into owners values('22','First Avenue Entertainment LLLP','Baseball Club of Seattle LP','2016','1.4 billion');

insert into owners values('23','Arturo Moreno','Angels Baseball LP','2003','184 million');

insert into owners values('24','Ray Davis ','Rangers Baseball Express','2004','200 million');

insert into owners values('25','John Fisher','Athletics Investment Group LLC','2005','180 million');

insert into owners values('26','Jerry Reinsdorf','Chicago White Sox Ltd','1981','20 million');

insert into owners values('27','Jim Pohlad','Minnesota Twins, MTI Partnership LLP','2009','44 million');

insert into owners values('28','Chris Illitch','Detroit Tigers Inc','2017','82 million');

insert into owners values('29','John Sherman','none','2019','1 billion');

insert into owners values('30','Jim Crane ','Houston Astros Baseball Club ','2011','610 million');

Commit;

CREATE Table Parents

(ParID char(6) NOT NULL,

Fname varchar(25) NOT NULL,

Lname varchar(25) NOT NULL,

City varchar(25) NOT NULL,

State varchar(50) NOT NULL,

PRIMARY KEY (ParID,fname));

FOREIGN KEY (ParID) references player (playerid);

insert into parents values('99','Brad','Scherzer','Chesterfield','Missouri');

insert into parents values('99','Jan','Scherzer','Chesterfield','Missouri');

insert into parents values('98','Mark','Cole','Newport','California');

insert into parents values('98','Sharon ','Cole','Newport','California');

insert into parents values('97','Clay ','Bellinger','Scottsdale','Arizona');

insert into parents values('97','Jennifer','Bellinger','Scottsdale','Arizona');

insert into parents values('96','Julio ','Martinez','Miami','Florida');

insert into parents values('96','Mayra','Martinez','Miami','Florida');

insert into parents values('95','Mark','Turner','Boynton Beach','Florida');

insert into parents values('95','Donna','Turner','Boynton Beach','Florida');

insert into parents values('94','Vladimir ','Guerrero Sr','Anaheim','California');

insert into parents values('94','Riquelma','Ramos','Anaheim','California');

insert into parents values('93','Stephen','Yelich','Thousand Oaks','California');

insert into parents values('93','Alecia','Relic','Thousand Oaks','California');

insert into parents values('92','Fernando','Arenado','Newport','California');

insert into parents values('92','Millie','Arenado','Newport','California');

insert into parents values('91','Tony','deGrom','Deleon Springs','Florida');

insert into parents values('91','Tammy','deGrom','Deleon Springs','Florida');

insert into parents values('90','Fred','Freeman','Fountain Valley','California');

insert into parents values('90','Rosemary','Freeman','Fountain Valley','California');

insert into parents values('89','Wayne','Judge','Sacramento','California');

insert into parents values('89','Patty ','Judge','Sacramento','California');

insert into parents values('88','Ronald','Acuna Sr','La Guaira','Venezuela');

insert into parents values('88','Leonelis','Blanco','La Guaira','Venezuela');

insert into parents values('87','Willie','Betts','Nashville','Tennessee');

insert into parents values('87','Diana','Benedict','Nashville','Tennessee');

insert into parents values('86','Toru','Ohtani','Oshu,Iwate','Japan');

insert into parents values('86','Kayoko','Ohtani','Oshu,Iwate','Japan');

insert into parents values('85','Jeff','Trout','Milville','New Jersey');

insert into parents values('85','Debbie','Busonick','Milville','New Jersey');

insert into parents values('84','Carlos','Altuve Sr','Maracay','Venezuela');

insert into parents values('84','Lastenia','Linares','Maracay','Venezuela');

Commit;

CREATE TABLE Siblings

(eSiblings char(4) NOT NULL,

Fname varchar(20) NOT NULL,

Lname varchar(25) NOT NULL,

Relationship varchar(25) NOT NULL,

Age varchar(25) NOT NULL,

PRIMARY KEY (eSiblings,Fname));

FOREIGN KEY(eSiblings) references player (playerid);

insert into siblings values('99','Alex','Scherzer','Brother','Deceased');

insert into siblings values('98','Erin','Cole','Sister','Unknown');

insert into siblings values('97','Cole','Bellinger','Brother','Unknown');

insert into siblings values('97','Ashli','Bellinger','Sister','Unknown');

insert into siblings values('96','Mayra','Bazavilvazo','Sister','Unknown');

insert into siblings values('95','Teal','Turner','Sister','Unknown');

insert into siblings values('94','Vladi','Guerrero','Brother','Unknown');

insert into siblings values('94','Pablo','Guerrero','Brother','Unknown');

insert into siblings values('93','Chris','Yelich','Brother','Unknown');

insert into siblings values('92','Jonah ','Arenado','Brother','27');

insert into siblings values('91','Sarah','Meeks','Sister','Unknown');

insert into siblings values('91','Jessica','Fender','Sister','Unknown');

insert into siblings values('90','Andrew','Freeman','Brother','Unknown');

insert into siblings values('89','John','Judge','Brother','Unknown');

insert into siblings values('88','Luisangel','Acuna','Brother','Unknown');

insert into siblings values('86','Ryuta','Ohtani','Brother','34');

insert into siblings values('85','Tyler','Trout','Brother','Unknown');

insert into siblings values('85','Teal','Trout','Sister','Unknown');

insert into siblings values('84','Carlos','Altuve','Brother','Unknown');

Commit;

CREATE TABLE Items

(eItems char(10) NOT NULL,

ItemName varchar(25) NOT NULL,

ItemSize varchar(25) NOT NULL,

ItemBrand varchar(25) NOT NULL,

ItemColor varchar(25) NOT NULL,

PRIMARY KEY (eItems,ItemName));

FOREIGN KEY(eItems) references player (playerid);

insert into items values('99','Baseball','Medium','Rawlings','White');

insert into items values('99','Glove','Medium','Rawlings','White');

insert into items values('98','Baseball','Medium','Rawlings','White');

insert into items values('98','Glove','Medium','Rawlings','White');

insert into items values('97','Baseball','Medium','Rawlings','White');

insert into items values('97','Glove','Medium','Rawlings','White');

insert into items values('97','Bat','Medium','Rawlings','White');

insert into items values('96','Baseball','Medium','Rawlings','White');

insert into items values('96','Glove','Medium','Rawlings','White');

insert into items values('96','Bat','Medium','Rawlings','White');

insert into items values('95','Baseball','Medium','Rawlings','White');

insert into items values('95','Glove','Medium','Rawlings','White');

insert into items values('95','Bat','Medium','Rawlings','White');

insert into items values('94','Baseball','Medium','Rawlings','White');

insert into items values('94','Glove','Medium','Rawlings','White');

insert into items values('94','Bat','Medium','Rawlings','White');

insert into items values('93','Baseball','Medium','Rawlings','White');

insert into items values('93','Glove','Medium','Rawlings','White');

insert into items values('93','Bat','Medium','Rawlings','White');

insert into items values('92','Baseball','Medium','Rawlings','White');

insert into items values('92','Glove','Medium','Rawlings','White');

insert into items values('92','Bat','Medium','Rawlings','White');

insert into items values('91','Baseball','Medium','Rawlings','White');

insert into items values('91','Glove','Medium','Rawlings','White');

insert into items values('90','Baseball','Medium','Rawlings','White');

insert into items values('90','Glove','Medium','Rawlings','White');

insert into items values('90','Bat','Medium','Rawlings','White');

insert into items values('89','Baseball','Medium','Rawlings','White');

insert into items values('89','Glove','Medium','Rawlings','White');

insert into items values('89','Bat','Medium','Rawlings','White');

insert into items values('88','Baseball','Medium','Rawlings','White');

insert into items values('88','Glove','Medium','Rawlings','White');

insert into items values('88','Bat','Medium','Rawlings','White');

insert into items values('87','Baseball','Medium','Rawlings','White');

insert into items values('87','Glove ','Medium','Rawlings','White');

insert into items values('87','Bat','Medium','Rawlings','White');

insert into items values('86','Baseball','Medium','Rawlings','White');

insert into items values('86','Glove','Medium','Rawlings','White');

insert into items values('85','Baseball','Medium','Rawlings','White');

insert into items values('85','Glove','Medium','Rawlings','White');

insert into items values('85','Bat','Medium','Rawlings','White');

insert into items values('84','Baseball','Medium','Rawlings','White');

insert into items values('84','Glove','Medium','Rawlings','White');

insert into items values('84','Bat','Medium','Rawlings','White');

Commit;

**List every player’s name whose position is outfielder and timezone is pst and and division is American league west. Also list the ownername, leaguename, yearcreated, timezone, stadiumname, and division.Also join that result with every player that plays pitcher**

select unique fname,lname,leaguename,yearcreated,timezone,stadiumname,division,ownername

from league,player,league\_locations,owners

where leaguenumber = leaguenum

and lno = lnumber

and position = 'Outfielder'

and timezone = 'PST'

and Division = 'American League West'

and ownerid = lnumber

Union

select unique fname,lname,leaguename,yearcreated,timezone,stadiumname,division,ownername

from league,player,league\_locations,owners

where leaguenumber = leaguenum

and lno = lnumber

and ownerid = lnumber

and position = 'Pitcher'

Graphical user interface

Description automatically generated

**Select every player who has a spouse and has at least one pet. This player must play in the National League East Division. List the playerid, first and last name, location, stadiumname, petname and pettype, and petsex.**

select unique playerid,fname,lname,llocation,stadiumname,petname,pettype,sex

from player,league\_locations,pets

where lno = lnumber

and division = 'National League East'

and petid = playerid

and playerid in

((Select eplayerid

from dependent

where relationship = 'Spouse'))

and petid in

((Select petid

from pets));

Table

Description automatically generated with low confidence

**List the players first and last name who plays in the timezone CST and has a spouse and also list the parents name.**

select unique player.fname,player.lname,parents.fname,parents.lname

from player,parents,league\_locations,dependent

where parid = playerid

and lnumber = lno

and timezone = 'CST'

and playerid in

(select eplayerid

from dependent

where relationship = 'Spouse')

Table

Description automatically generated

**Show the player’s first and last name and managers first name and managers last name and the manager’s salary > 75000. The player’s position also must be ‘Outfielder’. Show the player’s dependentname if they have any.**

select unique player.fname,player.lname,position,dependentname,manager.fname,manager.lname,salary

from player,manager,dependent

where position = 'Outfielder'

and player.superplayerid = manager.superplayerid

and Relationship = 'Spouse'

and manager.salary > 750000

and playerid = eplayerid

Table

Description automatically generated

**Show the player’s first and last name who position is a pitcher, and timezone is EST, and division is American league east, also show the leaguename, yearcreated, timezone, stadium, division and ownername.**

select unique fname,lname,leaguename,yearcreated,timezone,stadiumname,division,ownername

from league,player,league\_locations,owners

where leaguenumber = leaguenum

and lno = lnumber

and position = 'Pitcher'

and timezone = 'EST'

and Division = 'American League East'

and ownerid = lnumber

Graphical user interface, application

Description automatically generated

**List the players whose position is ‘Third Baseman’ and that result with those players that have a dependent whose relationship is ‘Spouse’. Also list the stadiumname,dependentname, and birthday. Order by firstname**

select fname,lname,stadiumname,dependentname,birthday,relationship

from player,league\_locations,dependent

where lno = lnumber

and eplayerid = playerid

and position = 'Third Baseman'

union

select fname,lname,stadiumname,dependentname,birthday,relationship

from player,league\_locations,dependent

where lno = lnumber

and eplayerid = playerid

and relationship = 'Spouse'

order by fname

Table

Description automatically generated

**List the names of players who have a glove and baseball and they play in the National League West. Order by playerid.**

select unique playerid,fname,lname

from player

where not exists

((Select playerid

from items

where itemName = 'Baseball'

or itemName = 'Glove')

minus

(select playerid

from items

where playerid = eitems));

Union

select unique playerid,fname,lname

from player,league\_locations

where lno = lnumber

and Division = 'National League West'

Order by Playerid

Table

Description automatically generated

**List the names of players who have a brother and sister and play in the National league east and position is a pitcher. Order by playerid.**

select playerid,fname,lname

from player

where not exists

((select esiblings

from siblings

where relationship = 'Brother'

or relationship = 'Sister')

Minus

(select esiblings

from siblings,player

where esiblings = playerid));

Union

select playerid,fname,lname

from player,league\_locations

where lno = lnumber

and Division = 'National League East'

and Position = 'Pitcher'

Order by Playerid

Table

Description automatically generated

**Select every player who does have a manager who earns more than 1,000,000 and plays the position pitcher.**

select player.fname,player.lname,manager.fname,manager.lname,salary

from player,manager

where player.superplayerid = manager.superplayerid

and manager.salary > 1000000;

Minus

select player.fname,player.lname,manager.fname,manager.lname,salary

from player,manager

where player.superplayerid = manager.superplayerid

and position = 'Pitcher'

**Table

Description automatically generated**

**List the player’s first name and last name and managers first and last name who makes less than 1,000,000 and player’s who has a spouse and position is an outfielder minus those players who have a spouse that their birthday is Unknown.**

select unique player.fname,player.lname,manager.fname,dependentname,dependent.relationship

from player,manager,siblings,league\_locations,dependent

where player.superplayerid = manager.superplayerid

and manager.salary <1000000

and position = 'Outfielder'

and playerid = esiblings

and player.lno = league\_locations.lnumber

and playerid = eplayerid

and dependent.relationship = 'Spouse'

minus

select unique player.fname,player.lname,manager.fname,dependentname,dependent.relationship

from player,manager,siblings,league\_locations,dependent

where player.superplayerid = manager.superplayerid

and playerid = esiblings

and player.lno = league\_locations.lnumber

and birthday = 'Unknown'

Table

Description automatically generated