-- Create the Member table

CREATE TABLE Member (

idnumber SERIAL PRIMARY KEY,

ssn VARCHAR(11) UNIQUE NOT NULL,

iban VARCHAR(34) UNIQUE NOT NULL,

email VARCHAR(255) UNIQUE NOT NULL,

birthdate DATE NOT NULL,

name VARCHAR(100) NOT NULL,

surname VARCHAR(100) NOT NULL,

city VARCHAR(100) NOT NULL,

postalcode VARCHAR(20) NOT NULL,

street VARCHAR(100) NOT NULL,

housenumber VARCHAR(10) NOT NULL

);

-- Create the Activemember table

CREATE TABLE Activemember (

member INT REFERENCES Member(idnumber) ON DELETE CASCADE,

status VARCHAR(50) NOT NULL,

PRIMARY KEY (member)

);

-- Create the Unavailability table

CREATE TABLE Unavailability (

code SERIAL PRIMARY KEY,

startdate DATE NOT NULL,

enddate DATE NOT NULL

);

-- Create the Leave table

CREATE TABLE Leave (

unavailability INT REFERENCES Unavailability(code) ON DELETE CASCADE,

description TEXT NOT NULL,

PRIMARY KEY (unavailability)

);

-- Create the Isunavailable table

CREATE TABLE Isunavailable (

unavailability INT REFERENCES Unavailability(code) ON DELETE CASCADE,

member INT REFERENCES Member(idnumber) ON DELETE CASCADE,

PRIMARY KEY (unavailability, member)

);

-- Create the Leaves table

CREATE TABLE Leaves (

unavailability INT REFERENCES Unavailability(code) ON DELETE CASCADE,

member INT REFERENCES Member(idnumber) ON DELETE CASCADE,

PRIMARY KEY (unavailability, member)

);

-- Create the Managerialmember table

CREATE TABLE Managerialmember (

member INT REFERENCES Member(idnumber) ON DELETE CASCADE,

status VARCHAR(50) NOT NULL,

PRIMARY KEY (member)

);

-- Create the Appointingmember table

CREATE TABLE Appointingmember (

member INT REFERENCES Member(idnumber) ON DELETE CASCADE,

status VARCHAR(50) NOT NULL,

PRIMARY KEY (member)

);

-- Create the Match table

CREATE TABLE Match (

code SERIAL PRIMARY KEY,

location VARCHAR(255) NOT NULL,

date DATE NOT NULL

);

-- Create the Manages table

CREATE TABLE Manages (

match INT REFERENCES Match(code) ON DELETE CASCADE,

member INT REFERENCES Member(idnumber) ON DELETE CASCADE,

PRIMARY KEY (match, member)

);

-- Create the Observer table

CREATE TABLE Observer (

member INT REFERENCES Member(idnumber) ON DELETE CASCADE,

status VARCHAR(50) NOT NULL,

PRIMARY KEY (member)

);

-- Create the Isassignedobserver table

CREATE TABLE Isassignedobserver (

match INT REFERENCES Match(code) ON DELETE CASCADE,

member INT REFERENCES Member(idnumber) ON DELETE CASCADE,

PRIMARY KEY (match, member)

);

-- Create the Isassignedreferee table

CREATE TABLE Isassignedreferee (

match INT REFERENCES Match(code) ON DELETE CASCADE,

member INT REFERENCES Member(idnumber) ON DELETE CASCADE,

PRIMARY KEY (match, member)

);

-- Create the Referee table

CREATE TABLE Referee (

member INT REFERENCES Member(idnumber) ON DELETE CASCADE,

status VARCHAR(50) NOT NULL,

PRIMARY KEY (member)

);

-- Create the Medicalcertificate table

CREATE TABLE Medicalcertificate (

code SERIAL PRIMARY KEY,

startdate DATE NOT NULL,

enddate DATE NOT NULL

);

-- Create the Has table

CREATE TABLE Has (

medicalcertificate INT REFERENCES Medicalcertificate(code) ON DELETE CASCADE,

member INT REFERENCES Member(idnumber) ON DELETE CASCADE,

PRIMARY KEY (medicalcertificate, member)

);

-- Create the Exemption table

CREATE TABLE Exemption (

code SERIAL PRIMARY KEY,

startdate DATE NOT NULL,

enddate DATE NOT NULL

);

-- Create the Isexempted table

CREATE TABLE Isexempted (

exemption INT REFERENCES Exemption(code) ON DELETE CASCADE,

member INT REFERENCES Member(idnumber) ON DELETE CASCADE,

PRIMARY KEY (exemption, member)

);

-- Create the Team table

CREATE TABLE Team (

name VARCHAR(255) NOT NULL,

category VARCHAR(50) NOT NULL,

PRIMARY KEY (name, category)

);

-- Create the Plays table

CREATE TABLE Plays (

match INT REFERENCES Match(code) ON DELETE CASCADE,

hometeamname VARCHAR(255) NOT NULL,

hometeamcategory VARCHAR(50) NOT NULL,

guestteamname VARCHAR(255) NOT NULL,

guestteamcategory VARCHAR(50) NOT NULL,

PRIMARY KEY (match, hometeamname, hometeamcategory, guestteamname, guestteamcategory),

FOREIGN KEY (hometeamname, hometeamcategory) REFERENCES Team(name, category),

FOREIGN KEY (guestteamname, guestteamcategory) REFERENCES Team(name, category)

);

-- Create the For table

CREATE TABLE For (

exemption INT REFERENCES Exemption(code) ON DELETE CASCADE,

teamname VARCHAR(255) NOT NULL,

teamcategory VARCHAR(50) NOT NULL,

PRIMARY KEY (exemption, teamname, teamcategory),

FOREIGN KEY (teamname, teamcategory) REFERENCES Team(name, category)

);