CREATE TABLE Agenda (

[Id] int identity(1000,1) NOT NULL,

[IdRes] int NULL,

[IdEven] int NULL,

[Fecha] date NOT NULL,

PRIMARY KEY (Id);

FOREIGN KEY ([IdEven]) REFERENCES [dbo].[Evento] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY ([IdRes]) REFERENCES [Reserva] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE;

);

CREATE TABLE [CargoLaboral] (

[Id] smallint identity(1,1) NOT NULL,

[Nombre] varchar(30) NOT NULL,

PRIMARY KEY (Id);

);

CREATE TABLE [CategoriaComponente] (

[Id] smallint identity(1,1) NOT NULL,

[Nombre] varchar(50) NOT NULL,

PRIMARY KEY ([Id]),

);

CREATE TABLE [Cliente] (

[CI] varchar(10) NOT NULL,

[FechaReg] date NOT NULL,

PRIMARY KEY ([CI,Cliente]),

FOREIGN KEY ([CI]) REFERENCES [dbo].[Persona] ([CI])

ON DELETE NO ACTION ON UPDATE NO ACTION,

);

CREATE TABLE [Cobros] (

[Nro] int NOT NULL,

[IdCont] int NOT NULL,

[NombreApellido] varchar(max) NOT NULL,

[Monto] decimal(10,2) NOT NULL,

[Fecha] date NOT NULL,

[Hora] time(7) NOT NULL,

[CIE] varchar(10) NOT NULL

PRIMARY KEY ([Nro]);

FOREIGN KEY ([IdCont]) REFERENCES [dbo].[Contrato] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY ([CIE]) REFERENCES [dbo].[Empleado] ([CI])

ON DELETE CASCADE ON UPDATE CASCADE;

);

CREATE TABLE [ComponentePaquete] (

[Id] smallint identity(1,1) NOT NULL,

[Nombre] varchar(50) NOT NULL,

[Precio] decimal(10,2) NOT NULL,

[Tipo] bit NOT NULL,

[IdCC] smallint NOT NULL,

PRIMARY KEY ([Id]),

OREIGN KEY ([IdCC]) REFERENCES [CategoriaComponente] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE,

);

CREATE TABLE [dbo].[Contrato] (

[Id] int NOT NULL,

[CostoTotal] int NOT NULL,

[ACuenta] int NOT NULL,

[Saldo] int NOT NULL,

[FechaCont] date NOT NULL,

[Obs] varchar(100) NULL,

[CIE] varchar(10) NOT NULL,

[CIC] varchar(10) NOT NULL,

[IdPaq] int NOT NULL,

[IdEven] int NOT NULL,

PRIMARY KEY ([Id]);

OREIGN KEY ([CIC]) REFERENCES [Cliente] ([CI])

ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY ([CIE]) REFERENCES [dbo].[Empleado] ([CI])

ON DELETE NO ACTION ON UPDATE NO ACTION,

FOREIGN KEY ([IdEven]) REFERENCES [dbo].[Evento] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY ([IdPaq]) REFERENCES [dbo].[Paquete] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE,

);

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CREATE TABLE [Direcciones] (

[IdEven] int NOT NULL,

[Descripcion] varchar(30) NOT NULL,

[Direccion] varchar(max) NOT NULL,

PRIMARY KEY ([IdEven], [Descripcion]););

FOREIGN KEY ([IdEven]) REFERENCES [dbo].[Evento] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE,

)

CREATE TABLE [dbo].[Empleado] (

[CI] varchar(10) NOT NULL,

[IdCL] smallint NOT NULL,

[FechaNac] date NOT NULL,

[Sueldo] smallint NOT NULL,

[FechaIng] date NOT NULL,

PRIMARY KEY ([CI]);

FOREIGN KEY ([CI]) REFERENCES [dbo].[Persona] ([CI])

ON DELETE NO ACTION ON UPDATE NO ACTION,

FOREIGN KEY ([IdCL]) REFERENCES [CargoLaboral] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE,

);

CREATE TABLE [dbo].[Equipo] (

[Id] smallint identity(1,1) NOT NULL,

[Nombre] varchar(50) NOT NULL,

[Descripcion] varchar(50) NULL,

[Estado] bit NOT NULL,

[IdTE] smallint NOT NULL,

PRIMARY KEY ([Id]);

FOREIGN KEY ([IdTE]) REFERENCES [dbo].[TipoEquipo] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE;

);

CREATE TABLE [dbo].[Evento] (

[Id] int NOT NULL,

[Fecha] date NULL,

[Descripcion] varchar(max) NOT NULL,

[Hora] time(7) NOT NULL,

[IdTE] smallint NOT NULL,

[Latitud] decimal(15,2) NULL,

[Longitud] decimal(15,2) NULL

PRIMARY KEY ([Id]);

FOREIGN KEY ([IdTE]) REFERENCES [TipoEvento] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE;

);

CREATE TABLE [FichaDatos] (

[Id] smallint NOT NULL,

[IdEven] int NOT NULL,

[Descripcion] varchar(max) NOT NULL,

PRIMARY KEY ([IdEven], [Id]);

FOREIGN KEY ([IdEven]) REFERENCES [dbo].[Evento] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE;

);

CREATE TABLE [IncluyePC] (

[IdPaq] int NOT NULL,

[IdCP] smallint NOT NULL,

[Cantidad] smallint NOT NULL,

PRIMARY KEY ([IdPaq], [IdCP]);

FOREIGN KEY ([IdCP]) REFERENCES [ComponentePaquete] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE;

FOREIGN KEY ([IdPaq]) REFERENCES [dbo].[Paquete] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE;

);

CREATE TABLE [OrdenTrabajo] (

[CIE] varchar(10) NOT NULL,

[IdEven] int NOT NULL,

[Descripcion] varchar(max) NOT NULL,

[FechaO] date NOT NULL,

[FechaE] date NOT NULL,

[Nro] bigint identity(1,1) NOT NULL,

[Estado] varchar(max) NOT NULL,

[Porcentaje] smallint NOT NULL,

PRIMARY KEY ([CIE], [IdEven])

FOREIGN KEY ([CIE]) REFERENCES [dbo].[Empleado] ([CI])

ON DELETE CASCADE ON UPDATE CASCADE.

FOREIGN KEY ([IdEven]) REFERENCES [dbo].[Evento] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE;

);

CREATE TABLE [dbo].[Paquete] (

[Id] int identity(1,1) NOT NULL,

[Nombre] varchar(50) NOT NULL,

[Precio] decimal(10,2) NOT NULL,

[Descuento] decimal(10,2) NOT NULL,

[PrecioTotal] decimal(10,2) NOT NULL,

[Generico] bit NOT NULL

PRIMARY KEY ([Id]);

);

CREATE TABLE [dbo].[Persona] (

[CI] varchar(10) NOT NULL,

[Nombre] varchar(30) NOT NULL,

[APellidoP] varchar(20) NOT NULL,

[APellidoM] varchar(20) NULL,

[Direccion] varchar(max) NULL,

[Sexo] bit NOT NULL,

[Telefono] varchar(15) NULL,

[Email] varchar(100) NOT NULL,

PRIMARY KEY ([CI]);

);

CREATE TABLE [Reserva] (

[Id] int NOT NULL,

[FechaR] date NOT NULL,

[FechaE] date NOT NULL,

[DiasEspera] smallint NULL,

[Interasado] varchar(max) NOT NULL,

[Descripcion] varchar(max) NOT NULL

PRIMARY KEY ([Id]);

);

CREATE TABLE [dbo].[TipoEquipo] (

[Id] smallint identity(1,1) NOT NULL,

[Nombre] varchar(30) NOT NULL,

PRIMARY KEY ([Id]);

);

CREATE TABLE [TipoEvento] (

[Id] smallint NOT NULL,

[Nombre] varchar(20) NOT NULL,

PRIMARY KEY ([Id])

);

CREATE TABLE [UtilizaEE] (

[IdEven] int NOT NULL,

[IdEq] smallint NOT NULL,

PRIMARY KEY ([IdEven], [IdEq]);

FOREIGN KEY ([IdEq]) REFERENCES [dbo].[Equipo] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE;

FOREIGN KEY ([IdEven]) REFERENCES [dbo].[Evento] ([Id])

ON DELETE CASCADE ON UPDATE CASCADE;

);