

/* ----- */

/* Generated by Enterprise Architect Version 13.5 */

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/* DBMS : SQL Server 2012 */

/* ----- */

/* Drop Foreign Key Constraints */

IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[FK_Cita control_Historial Cita]') AND
OBJECTPROPERTY(id, N'IsForeignKey') = 1)

ALTER TABLE [Cita control] DROP CONSTRAINT [FK_Cita control_Historial Cita]

GO

IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[FK_Cliente_Formulario]') AND
OBJECTPROPERTY(id, N'IsForeignKey') = 1)

ALTER TABLE [Cliente] DROP CONSTRAINT [FK_Cliente_Formulario]

GO

IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[FK_Empleado_Usuario]') AND
OBJECTPROPERTY(id, N'IsForeignKey') = 1)

ALTER TABLE [Empleado] DROP CONSTRAINT [FK_Empleado_Usuario]

GO

IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[FK_Evaluacion
Electronica_Formulario]') AND OBJECTPROPERTY(id, N'IsForeignKey') = 1)

ALTER TABLE [Evaluacion Electronica] DROP CONSTRAINT [FK_Evaluacion Electronica_Formulario]

GO

IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[FK_Historial Cita_Formulario]') AND
OBJECTPROPERTY(id, N'IsForeignKey') = 1)

```
ALTER TABLE [Historial Cita] DROP CONSTRAINT [FK_Historial Cita_Formulario]
```

```
GO
```

```
IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[FK_Historial Medico_Cliente]') AND  
OBJECTPROPERTY(id, N'IsForeignKey') = 1)
```

```
ALTER TABLE [Historial Medico] DROP CONSTRAINT [FK_Historial Medico_Cliente]
```

```
GO
```

```
IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[FK_Horario Empleado_Empleado]')  
AND OBJECTPROPERTY(id, N'IsForeignKey') = 1)
```

```
ALTER TABLE [Horario Empleado] DROP CONSTRAINT [FK_Horario Empleado_Empleado]
```

```
GO
```

```
IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[FK_Informacion Cliente_Cliente]')  
AND OBJECTPROPERTY(id, N'IsForeignKey') = 1)
```

```
ALTER TABLE [Informacion Cliente] DROP CONSTRAINT [FK_Informacion Cliente_Cliente]
```

```
GO
```

```
IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[FK_Usuario_Evaluacion Electronica]')  
AND OBJECTPROPERTY(id, N'IsForeignKey') = 1)
```

```
ALTER TABLE [Usuario] DROP CONSTRAINT [FK_Usuario_Evaluacion Electronica]
```

```
GO
```

```
/* Drop Tables */
```

```
IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[Cita control]') AND  
OBJECTPROPERTY(id, N'IsUserTable') = 1)
```

```
DROP TABLE [Cita control]
```

```
GO
```

```
IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[Cliente]') AND OBJECTPROPERTY(id, N'IsUserTable') = 1)
```

```
DROP TABLE [Cliente]
```

```
GO
```

```
IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[Empleado]') AND OBJECTPROPERTY(id, N'IsUserTable') = 1)
```

```
DROP TABLE [Empleado]
```

```
GO
```

```
IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[Evaluacion Electronica]') AND OBJECTPROPERTY(id, N'IsUserTable') = 1)
```

```
DROP TABLE [Evaluacion Electronica]
```

```
GO
```

```
IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[Formulario]') AND OBJECTPROPERTY(id, N'IsUserTable') = 1)
```

```
DROP TABLE [Formulario]
```

```
GO
```

```
IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[Historial Cita]') AND OBJECTPROPERTY(id, N'IsUserTable') = 1)
```

```
DROP TABLE [Historial Cita]
```

```
GO
```

```
IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[Historial Medico]') AND OBJECTPROPERTY(id, N'IsUserTable') = 1)
```

```
DROP TABLE [Historial Medico]
```

```
GO
```

```
IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[Horario Empleado]') AND  
OBJECTPROPERTY(id, N'IsUserTable') = 1)
```

```
DROP TABLE [Horario Empleado]
```

```
GO
```

```
IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[Informacion Cliente]') AND  
OBJECTPROPERTY(id, N'IsUserTable') = 1)
```

```
DROP TABLE [Informacion Cliente]
```

```
GO
```

```
IF EXISTS (SELECT 1 FROM dbo.sysobjects WHERE id = object_id(N'[Usuario]') AND OBJECTPROPERTY(id,  
N'IsUserTable') = 1)
```

```
DROP TABLE [Usuario]
```

```
GO
```

```
/* Create Tables */
```

```
CREATE TABLE [Cita control]
```

```
(
```

```
    [ID_Cita] int NOT NULL,
```

```
    [Fecha] date NOT NULL,
```

```
    [Estado] varchar(50) NULL DEFAULT 'Pendiente',
```

```
    [ID_Historial] int NULL
```

```
)
```

```
GO
```

```
CREATE TABLE [Cliente]
```

```
(
```

```
    [ID_Cliente] int NOT NULL,
```

```
    [Telefono] varchar(50) NOT NULL,
```

```
[Nombre] varchar(50) NOT NULL,  
[Apellidos] varchar(50) NOT NULL,  
[Direccion] varchar(50) NULL DEFAULT 'No se indico la direccion',  
[Ciudad de residencia] varchar(50) NULL DEFAULT 'No se indico la ciudad de referencia',  
[Sexo] varchar(50) NOT NULL,  
[Edad] int NOT NULL,  
[Estatura] int NOT NULL,  
[ID_Formulario] int NULL  
)  
GO
```

```
CREATE TABLE [Empleado]  
(  
    [ID_Empleado] int NOT NULL,  
    [Nombre] varchar(50) NOT NULL,  
    [Apellido] varchar(50) NOT NULL,  
    [Direccion] varchar(50) NOT NULL,  
    [ID_Usuario] int NULL  
)  
GO
```

```
CREATE TABLE [Evaluacion Electronica]  
(  
    [ID_Evaluacion Electronica] int NOT NULL,  
    [Fecha] date NULL,  
    [Peso] int NULL,  
    [IMC] int NOT NULL,  
    [Porcentaje Grasa] int NOT NULL,  
    [Porcentaje Masa Muscular] int NOT NULL,
```

```
        [Metabolismo Basal] int NOT NULL,  
        [Nivel Grasa Visceral] int NOT NULL,  
        [Edad Biologica] int NOT NULL,  
        [ID_Formulario] int NULL  
    )  
GO
```

```
CREATE TABLE [Formulario]  
(  
    [ID_Formulario] int NOT NULL,  
    [Fecha Inicio] date NOT NULL  
)  
GO
```

```
CREATE TABLE [Historial Cita]  
(  
    [ID_Historial] int NOT NULL,  
    [Resultado] varchar(50) NULL,  
    [ID_Formulario] int NULL  
)  
GO
```

```
CREATE TABLE [Historial Medico]  
(  
    [ID_Historial Medico] int NOT NULL,  
    [Enfermedades Sufridas] varchar(50) NOT NULL,  
    [Alergias] varchar(50) NOT NULL,  
    [Problemas con el corazon] varchar(50) NOT NULL,  
    [Padece de azucar] varchar(50) NOT NULL,
```

```
        [ID_Cliente] int NULL
    )
GO
```

```
CREATE TABLE [Horario Empleado]
(
    [ID_Horario Empleado] int NOT NULL,
    [Hora Inicio] time(7) NOT NULL,
    [Hora Fin] time(7) NOT NULL,
    [ID_Empleado] int NULL
)
GO
```

```
CREATE TABLE [Informacion Cliente]
(
    [ID_Informacion Cliente] int NOT NULL,
    [Nivel de energia] varchar(50) NULL,
    [Actividad Fisica] varchar(50) NULL,
    [Nutricion Inicial] varchar(50) NULL,
    [Cantidad de Comidas al dia] int NULL,
    [Objetivo con su Cuerpo] varchar(50) NULL,
    [Descanso por la Noche] varchar(50) NULL,
    [ID_Cliente] int NULL
)
GO
```

```
CREATE TABLE [Usuario]
(
    [ID_Usuario] int NOT NULL,
```

```
        [Password] varchar(50) NOT NULL,  
        [ID_Evaluacion Electronica] int NULL  
    )  
GO
```

```
/* Create Primary Keys, Indexes, Uniques, Checks */
```

```
ALTER TABLE [Cita control]  
ADD CONSTRAINT [PK_Cita control]  
    PRIMARY KEY CLUSTERED ([ID_Cita] ASC)  
GO
```

```
CREATE NONCLUSTERED INDEX [IXFK_Cita control_Historial Cita]  
ON [Cita control] ([ID_Historial] ASC)  
GO
```

```
ALTER TABLE [Cliente]  
ADD CONSTRAINT [PK_Cliente]  
    PRIMARY KEY CLUSTERED ([ID_Cliente] ASC)  
GO
```

```
CREATE NONCLUSTERED INDEX [IXFK_Cliente_Formulario]  
ON [Cliente] ([ID_Formulario] ASC)  
GO
```

```
ALTER TABLE [Empleado]  
ADD CONSTRAINT [PK_Empleado]  
    PRIMARY KEY CLUSTERED ([ID_Empleado] ASC)  
GO
```



```
CREATE NONCLUSTERED INDEX [IXFK_Empleado_Usuario]
ON [Empleado] ([ID_Usuario] ASC)
GO
```

```
ALTER TABLE [Evaluacion Electronica]
ADD CONSTRAINT [PK_Evaluacion Electronica]
PRIMARY KEY CLUSTERED ([ID_Evaluacion Electronica] ASC)
GO
```

```
CREATE NONCLUSTERED INDEX [IXFK_Evaluacion Electronica_Formulario]
ON [Evaluacion Electronica] ([ID_Formulario] ASC)
GO
```

```
ALTER TABLE [Formulario]
ADD CONSTRAINT [PK_Formulario]
PRIMARY KEY CLUSTERED ([ID_Formulario] ASC)
GO
```

```
ALTER TABLE [Historial Cita]
ADD CONSTRAINT [PK_Historial Cita]
PRIMARY KEY CLUSTERED ([ID_Historial] ASC)
GO
```

```
CREATE NONCLUSTERED INDEX [IXFK_Historial Cita_Formulario]
ON [Historial Cita] ([ID_Formulario] ASC)
GO
```

```
ALTER TABLE [Historial Medico]
```

```
ADD CONSTRAINT [PK_Historial Medico]
    PRIMARY KEY CLUSTERED ([ID_Historial Medico] ASC)
GO
```

```
CREATE NONCLUSTERED INDEX [IXFK_Historial Medico_Cliente]
ON [Historial Medico] ([ID_Cliente] ASC)
GO
```

```
ALTER TABLE [Horario Empleado]
ADD CONSTRAINT [PK_Horario Empleado]
    PRIMARY KEY CLUSTERED ([ID_Horario Empleado] ASC)
GO
```

```
CREATE NONCLUSTERED INDEX [IXFK_Horario Empleado_Empleado]
ON [Horario Empleado] ([ID_Empleado] ASC)
GO
```

```
ALTER TABLE [Informacion Cliente]
ADD CONSTRAINT [PK_Informacion Cliente]
    PRIMARY KEY CLUSTERED ([ID_Informacion Cliente] ASC)
GO
```

```
CREATE NONCLUSTERED INDEX [IXFK_Informacion Cliente_Cliente]
ON [Informacion Cliente] ([ID_Cliente] ASC)
GO
```

```
ALTER TABLE [Usuario]
ADD CONSTRAINT [PK_Usuario]
    PRIMARY KEY CLUSTERED ([ID_Usuario] ASC)
```

GO

CREATE NONCLUSTERED INDEX [IXFK_Usuario_Evaluacion Electronica]

ON [Usuario] ([ID_Evaluacion Electronica] ASC)

GO

/* Create Foreign Key Constraints */

ALTER TABLE [Cita control] ADD CONSTRAINT [FK_Cita control_Historial Cita]

FOREIGN KEY ([ID_Historial]) REFERENCES [Historial Cita] ([ID_Historial]) ON DELETE No Action
ON UPDATE No Action

GO

ALTER TABLE [Cliente] ADD CONSTRAINT [FK_Cliente_Formulario]

FOREIGN KEY ([ID_Formulario]) REFERENCES [Formulario] ([ID_Formulario]) ON DELETE No
Action ON UPDATE No Action

GO

ALTER TABLE [Empleado] ADD CONSTRAINT [FK_Empleado_Usuario]

FOREIGN KEY ([ID_Usuario]) REFERENCES [Usuario] ([ID_Usuario]) ON DELETE No Action ON
UPDATE No Action

GO

ALTER TABLE [Evaluacion Electronica] ADD CONSTRAINT [FK_Evaluacion Electronica_Formulario]

FOREIGN KEY ([ID_Formulario]) REFERENCES [Formulario] ([ID_Formulario]) ON DELETE No
Action ON UPDATE No Action

GO

ALTER TABLE [Historial Cita] ADD CONSTRAINT [FK_Historial Cita_Formulario]

```
FOREIGN KEY ([ID_Formulario]) REFERENCES [Formulario] ([ID_Formulario]) ON DELETE No  
Action ON UPDATE No Action
```

```
GO
```

```
ALTER TABLE [Historial Medico] ADD CONSTRAINT [FK_Historial Medico_Cliente]
```

```
FOREIGN KEY ([ID_Cliente]) REFERENCES [Cliente] ([ID_Cliente]) ON DELETE No Action ON  
UPDATE No Action
```

```
GO
```

```
ALTER TABLE [Horario Empleado] ADD CONSTRAINT [FK_Horario Empleado_Empleado]
```

```
FOREIGN KEY ([ID_Empleado]) REFERENCES [Empleado] ([ID_Empleado]) ON DELETE No Action  
ON UPDATE No Action
```

```
GO
```

```
ALTER TABLE [Informacion Cliente] ADD CONSTRAINT [FK_Informacion Cliente_Cliente]
```

```
FOREIGN KEY ([ID_Cliente]) REFERENCES [Cliente] ([ID_Cliente]) ON DELETE No Action ON  
UPDATE No Action
```

```
GO
```

```
ALTER TABLE [Usuario] ADD CONSTRAINT [FK_Usuario_Evaluacion Electronica]
```

```
FOREIGN KEY ([ID_Evaluacion Electronica]) REFERENCES [Evaluacion Electronica] ([ID_Evaluacion  
Electronica]) ON DELETE No Action ON UPDATE No Action
```

```
GO
```