SVS Ventas - PoC

SVS-Ventas



Server GREATSALCHICHON\SQLSERVER

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Prueba de Concepto con MSSQL Server, ADO.NET con .Net Core.

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| L JL J | |

■ GREATSALCHICHON\SQLSERVER

Databases (1)

• 🛮 SVS-Ventas

Server Properties

| Property | Value |
|-----------------|--------------------------------------|
| Product | Microsoft SQL Server |
| Language | Inglés (Estados Unidos) |
| Platform | NT x64 |
| Engine Edition | 3 (Enterprise) |
| Processors | 4 |
| Physical Memory | 8071 |
| Root Directory | C:\SqlServer\MSSQL15.SQLSERVER\MSSQL |
| Collation | Modern_Spanish_CI_AS |

| ☐ User databases | | | |
|------------------|--|--|--|
|------------------|--|--|--|

Databases (1)

• | SVS-Ventas

■ SVS-Ventas Database

MS_Description

Prueba de concepto NetCore y MSSQL Server

Database Properties

| Property | Value |
|----------------------|------------|
| SQL Server Version | Max |
| Compatibility Level | Max |
| Last backup time | - |
| Last log backup time | - |
| Creation date | Jul 2 2021 |
| Database size | 16.00 MB |
| Unallocated space | 4.78 MB |

■ Tables

Objects

| Name |
|--------|
| Hullic |

dbo.Clientes

Clientes

dbo.Facturas

Facturas

dbo.FacturasDetalle

Detalle de facturas generadas

dbo.Productos Lista de productos que se comercializan

■ [dbo].[Clientes]

MS_Description

Clientes

Properties

| Property | Value |
|---------------|-------------------------------------|
| Collation | Modern_Spanish_CI_AS |
| Row Count (~) | 0 |
| Created | 10:18:20 sábado, 3 de julio de 2021 |
| Last Modified | 10:19:13 sábado, 3 de julio de 2021 |

Columns

| Key | Name | Data Type | Max Length (Bytes) | Nullability | Identity |
|----------|-----------------------------|-------------|-----------------------|-------------|----------|
| PK# C | ld Identificador cliente | int | 4 | NOT NULL | 1 - 1 |
| | Nombre Nombre cliente | varchar(50) | 50 | NOT NULL | |

Indexes

| Key | Name | Key Columns | Unique |
|----------|-------------|-------------|--------|
| PKP C | PK_Clientes | ld | True |

SQL Script

```
CREATE TABLE [dbo].[Clientes]

(
[Id] [int] NOT NULL IDENTITY(1, 1),
[Nombre] [varchar] (50) COLLATE Modern_Spanish_CI_AS NOT NULL
) ON [PRIMARY]

GO

ALTER TABLE [dbo].[Clientes] ADD CONSTRAINT [PK_Clientes] PRIMARY KEY CLUSTERED
([Id]) ON [PRIMARY]

GO

EXEC sp_addextendedproperty N'MS_Description', N'Clientes', 'SCHEMA', N'dbo',
'TABLE', N'Clientes', NULL, NULL

GO

EXEC sp_addextendedproperty N'MS_Description', N'Identificador cliente', 'SCHEMA',
N'dbo', 'TABLE', N'Clientes', 'COLUMN', N'Id'

GO

EXEC sp_addextendedproperty N'MS_Description', N'Nombre cliente', 'SCHEMA',
N'dbo', 'TABLE', N'Clientes', 'COLUMN', N'Nombre cliente', 'SCHEMA', N'dbo',
'TABLE', N'Clientes', 'COLUMN', N'Nombre'
GO
```

Used By

[dbo].[Facturas]

■ [dbo].[Facturas]

MS_Description

Facturas

Properties

| Property | Value |
|---------------|-------------------------------------|
| Row Count (~) | 0 |
| Created | 10:19:13 sábado, 3 de julio de 2021 |
| Last Modified | 10:19:29 sábado, 3 de julio de 2021 |

Columns

| Key | Name | Data Type | Max Length (Bytes) | Nullability | Identity |
|---------------------|---|---------------|--------------------|-------------|----------|
| PK <mark>P</mark> C | Id Identificador de factura generada | int | 4 | NOT NULL | 1 - 1 |
| FK | Id_Cliente Relacion con el Id de cliente al que se asocia la factura generada | int | 4 | NOT NULL | |
| | IVA Indice de Impuesto al Valor Agregado que tiene la factura asociada | int | 4 | NOT NULL | |
| | SubTotal Total menos el Iva | decimal(18,2) | 9 | NOT NULL | |
| | Total Total de factura | decimal(18,2) | 9 | NOT NULL | |

Indexes

| Key | Name | Key Columns | Unique | |
|------|-------------|-------------|--------|--|
| PK G | PK_Facturas | ld | True | |

Foreign Keys

| Name | Columns |
|----------------------|-----------------------------------|
| FK_Facturas_Clientes | Id_Cliente->[dbo].[Clientes].[Id] |

SQL Script

```
CREATE TABLE [dbo].[Facturas]

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

[Id_Cliente] [int] NOT NULL,

[IVA] [int] NOT NULL,
```

```
[SubTotal] [decimal] (18, 2) NOT NULL,
[Total] [decimal] (18, 2) NOT NULL
) ON [PRIMARY]
ALTER TABLE [dbo].[Facturas] ADD CONSTRAINT [PK Facturas] PRIMARY KEY CLUSTERED
([Id]) ON [PRIMARY]
ALTER TABLE [dbo].[Facturas] ADD CONSTRAINT [FK Facturas Clientes] FOREIGN KEY ([Id -
Cliente]) REFERENCES [dbo].[Clientes] ([Id])
EXEC sp addextendedproperty N'MS Description', N'Facturas', 'SCHEMA', N'dbo',
'TABLE', N'Facturas', NULL, NULL
EXEC sp_addextendedproperty N'MS_Description', N'Identificador de factura generada',
'SCHEMA', N'dbo', 'TABLE', N'Facturas', 'COLUMN', N'Id'
EXEC sp_addextendedproperty N'MS_Description', N'Relacion con el Id de cliente al
que se asocia la factura generada', 'SCHEMA', N'dbo', 'TABLE', N'Facturas',
'COLUMN', N'Id_Cliente'
EXEC sp addextendedproperty N'MS Description', N'Indice de Impuesto al Valor
Agregado que tiene la factura asociada', 'SCHEMA', N'dbo', 'TABLE', N'Facturas',
'COLUMN', N'IVA'
EXEC sp_addextendedproperty N'MS_Description', N'Total menos el Iva', 'SCHEMA',
N'dbo', 'TABLE', N'Facturas', 'COLUMN', N'SubTotal'
EXEC sp_addextendedproperty N'MS Description', N'Total de factura', 'SCHEMA',
N'dbo', 'TABLE', N'Facturas', 'COLUMN', N'Total'
```

Uses

[dbo].[Clientes]

Used By

[dbo].[FacturasDetalle]

[dbo].[FacturasDetalle]

MS_Description

Detalle de facturas generadas

Properties

| Property | Value |
|---------------|-------------------------------------|
| Row Count (~) | 0 |
| Created | 10:19:29 sábado, 3 de julio de 2021 |
| Last Modified | 10:19:41 sábado, 3 de julio de 2021 |

Columns

| Key | Name | Data Type | Max Length (Bytes) | Nullability | Identity |
|-----|---|---------------|--------------------|-------------|----------|
| PK | Id Identificador detalle de factura | int | 4 | NOT NULL | 1 - 1 |
| FK | Id_Factura Identificador ID asociado a factura maestra | int | 4 | NOT NULL | |
| FK | Id_Producto Identificador ID asociado a producto maestro | int | 4 | NOT NULL | |
| | Cantidad Cantidad del producto comercializado en ID factura maestra | int | 4 | NOT NULL | |
| | Precio Precio unitario ID producto | decimal(18,2) | 9 | NOT NULL | |
| | IVA Impuesto valor agregado asociado a este detalle de facura | int | 4 | NOT NULL | |
| | SubTotal Total suma de (ID Producto*Cantidad) | decimal(18,2) | 9 | NOT NULL | |
| | Total Subtotal + IVA | decimal(18,2) | 9 | NOT NULL | |

Indexes

| Key | Name | Key Columns | Unique |
|-----|--------------------|-------------|--------|
| PK | PK_FacturasDetalle | ld | True |

Foreign Keys

| Name | Columns | |
|------------------------------|-------------------------------------|--|
| FK_FacturasDetalle_Facturas | Id_Factura->[dbo].[Facturas].[Id] | |
| FK_FacturasDetalle_Productos | Id_Producto->[dbo].[Productos].[Id] | |

SQL Script

```
CREATE TABLE [dbo].[FacturasDetalle]
[Id] [int] NOT NULL IDENTITY(1, 1),
[Id Factura] [int] NOT NULL,
[Id Producto] [int] NOT NULL,
[Cantidad] [int] NOT NULL,
[Precio] [decimal] (18, 2) NOT NULL,
[IVA] [int] NOT NULL,
[SubTotal] [decimal] (18, 2) NOT NULL,
[Total] [decimal] (18, 2) NOT NULL
) ON [PRIMARY]
ALTER TABLE [dbo].[FacturasDetalle] ADD CONSTRAINT [PK FacturasDetalle] PRIMARY KEY
CLUSTERED ([Id]) ON [PRIMARY]
ALTER TABLE [dbo].[FacturasDetalle] ADD CONSTRAINT [FK FacturasDetalle Facturas]
FOREIGN KEY ([Id Factura]) REFERENCES [dbo].[Facturas] ([Id])
ALTER TABLE [dbo].[FacturasDetalle] ADD CONSTRAINT [FK FacturasDetalle Productos]
FOREIGN KEY ([Id Producto]) REFERENCES [dbo].[Productos] ([Id])
EXEC sp addextendedproperty N'MS Description', N'Detalle de facturas generadas',
'SCHEMA', N'dbo', 'TABLE', N'FacturasDetalle', NULL, NULL
EXEC sp addextendedproperty N'MS Description', N'Cantidad del producto
comercializado en ID factura maestra', 'SCHEMA', N'dbo', 'TABLE', N'Facturas-
Detalle', 'COLUMN', N'Cantidad'
EXEC sp addextendedproperty N'MS Description', N'Identificador detalle de factura',
'SCHEMA', N'dbo', 'TABLE', N'FacturasDetalle', 'COLUMN', N'Id'
EXEC sp addextendedproperty N'MS Description', N'Identificador ID asociado a factura
maestra, 'SCHEMA', N'dbo', 'TABLE', N'FacturasDetalle', 'COLUMN', N'Id Factura'
EXEC sp_addextendedproperty N'MS_Description', N'Identificador ID asociado a
producto maestro', 'SCHEMA', N'dbo', 'TABLE', N'FacturasDetalle', 'COLUMN', N'Id -
Producto!
GO
EXEC sp addextendedproperty N'MS Description', N'Impuesto valor agregado asociado a
este detalle de facura', 'SCHEMA', N'dbo', 'TABLE', N'FacturasDetalle', 'COLUMN',
GO
EXEC sp addextendedproperty N'MS_Description', N'Precio unitario ID producto',
'SCHEMA', N'dbo', 'TABLE', N'FacturasDetalle', 'COLUMN', N'Precio'
EXEC sp addextendedproperty N'MS Description', N'Total suma de (ID Producto*Cantidad
)', 'SCHEMA', N'dbo', 'TABLE', N'FacturasDetalle', 'COLUMN', N'SubTotal'
EXEC sp addextendedproperty N'MS Description', N'Subtotal + IVA', 'SCHEMA', N'dbo',
'TABLE', N'FacturasDetalle', 'COLUMN', N'Total'
```

Uses

[dbo].[Facturas] [dbo].[Productos]

■ [dbo].[Productos]

MS_Description

Lista de productos que se comercializan

Properties

| Property | Value |
|---------------|-------------------------------------|
| Collation | Modern_Spanish_CI_AS |
| Row Count (~) | 0 |
| Created | 10:19:41 sábado, 3 de julio de 2021 |
| Last Modified | 10:19:41 sábado, 3 de julio de 2021 |

Columns

| Key | Name | Data Type | Max Length (Bytes) | Nullability | Identity |
|-----|---|---------------|--------------------|-------------|----------|
| PK | Id Identificador producto | int | 4 | NOT NULL | 1 - 1 |
| | Nombre Nombre del producto a comercializar | varchar(50) | 50 | NOT NULL | |
| | Precio Precio del producto a comercializar | decimal(18,2) | 9 | NOT NULL | |

Indexes

| Key | Name | Key Columns | Unique |
|-----|--------------|-------------|--------|
| PK | PK_Productos | ld | True |

SQL Script

```
CREATE TABLE [dbo].[Productos]

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

[Nombre] [varchar] (50) COLLATE Modern_Spanish_CI_AS NOT NULL,

[Precio] [decimal] (18, 2) NOT NULL

) ON [PRIMARY]

GO

ALTER TABLE [dbo].[Productos] ADD CONSTRAINT [PK_Productos] PRIMARY KEY CLUSTERED

([Id]) ON [PRIMARY]

GO

EXEC sp_addextendedproperty N'MS_Description', N'Lista de productos que se comercializan', 'SCHEMA', N'dbo', 'TABLE', N'Productos', NULL, NULL

GO

EXEC sp_addextendedproperty N'MS_Description', N'Identificador producto', 'SCHEMA', N'dbo', 'TABLE', N'Productos', 'COLUMN', N'Id'

GO

EXEC sp_addextendedproperty N'MS_Description', N'Identificador producto', 'SCHEMA', N'dbo', 'TABLE', N'Productos', 'COLUMN', N'Id'

GO

EXEC sp_addextendedproperty N'MS_Description', N'Nombre del producto a
```

```
comercializar', 'SCHEMA', N'dbo', 'TABLE', N'Productos', 'COLUMN', N'Nombre'

GO

EXEC sp_addextendedproperty N'MS_Description', N'Precio del producto a comercializar', 'SCHEMA', N'dbo', 'TABLE', N'Productos', 'COLUMN', N'Precio'

GO
```

Used By

[dbo].[FacturasDetalle]