

Usac

Ingeniería en Ciencias y Sistemas

Ing. William Escobar

Aux. Reimer

IPC2 “A”

Manual de uso

Codigo QR.



Hilbert Josué Perucho Ramírez

201313889

1. Menu: En esta parte se encuentra as funciones que puede tener la aplicación.



2. Crear cliente: este form es el encargado como su nombre lo indica de registrar un cliente y guardarlo en la base de datos.

A screenshot of a software application window titled "Crear Cliente". The window has a light blue background with a 3D illustration of a white humanoid figure sitting at a desk, typing on a laptop. To the right of the figure are four horizontal white input fields for data entry. Labels for these fields are positioned to the left: "Nombre" for the first, "DPI" for the second, "Direccion" for the third, and "Telefono" for the fourth. At the bottom of the window, there are two buttons: "MENU" on the left and "Registrar" on the right. The window includes a title bar with standard Windows controls.

3. Crear Libro: Crear libros para uso de la biblioteca



Crear Libro

Nombre

Libros existentes

No paginas

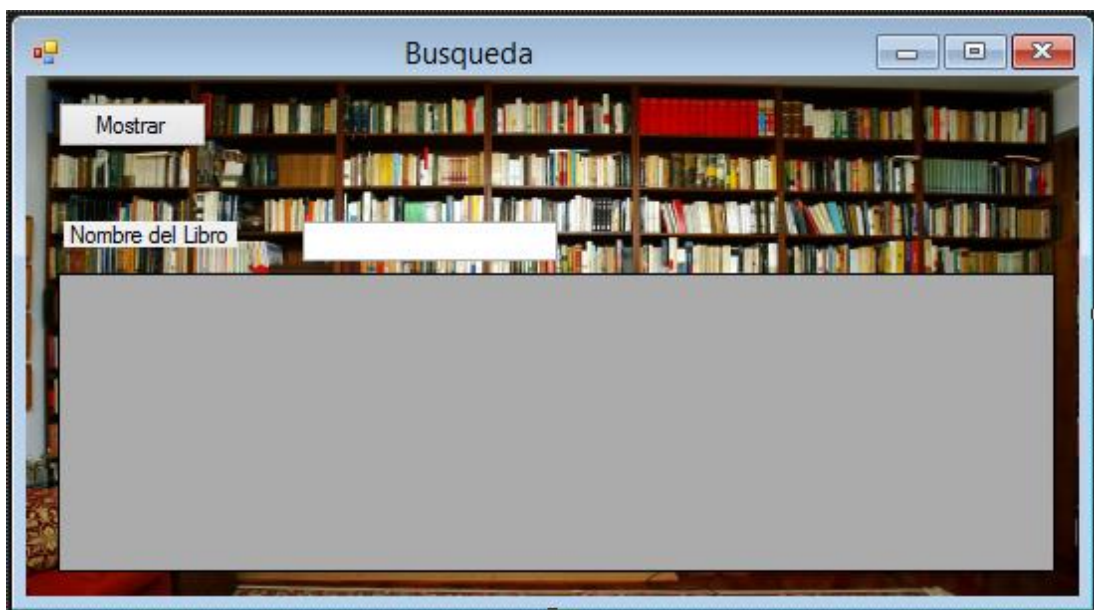
Tema

Autor

Registrar

MENU

4. Búsqueda: En esta sección realiza una búsqueda por nombre dentro de la base de datos.



Busqueda

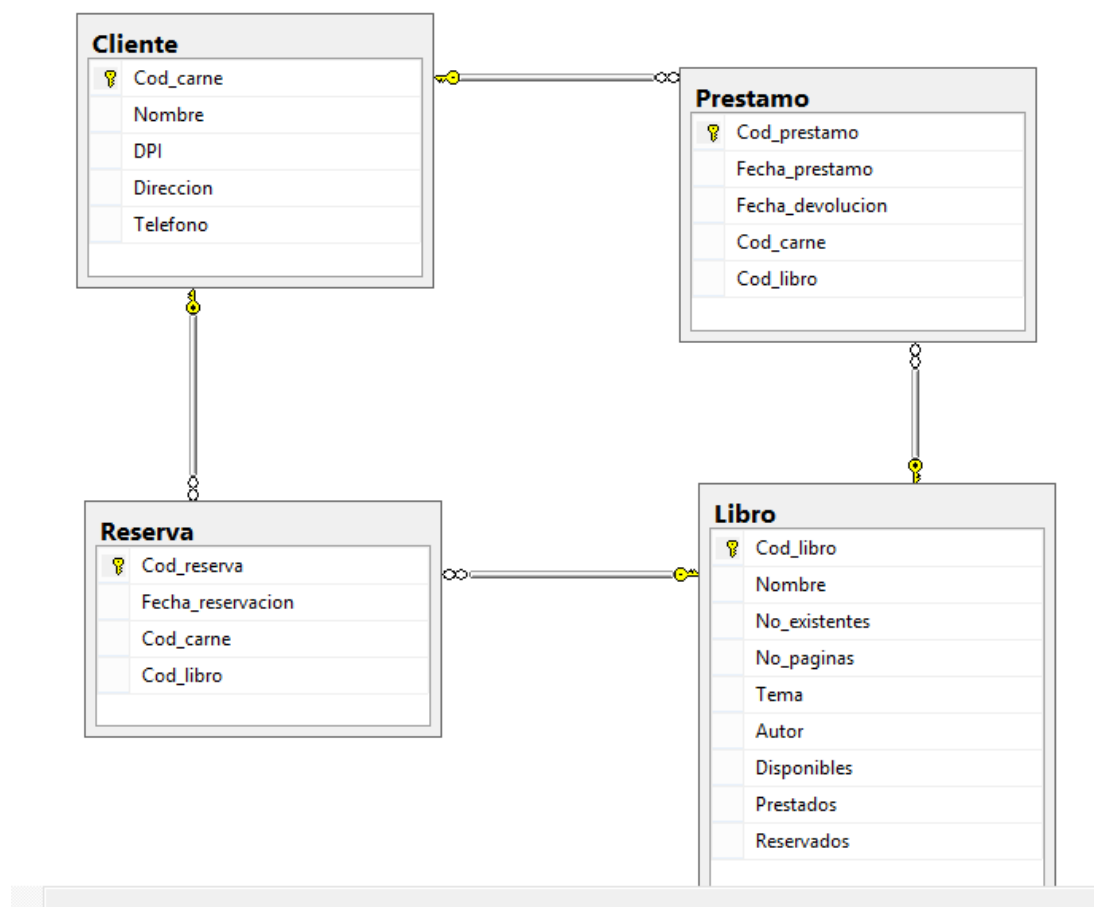
Mostrar

Nombre del Libro

Código fuente:

<https://github.com/hilbert11/IPC2J15/tree/master/TareaPractica1%5BWebService%5D/Practica1>

Modelo E-R



Script de la Base de datos

```
USE [master]
GO
/***** Object: Database [IPC2JPractica1]  Script Date: 15/06/2015 11:22:22 p. m. *****/
CREATE DATABASE [IPC2JPractica1]
    CONTAINMENT = NONE
    ON PRIMARY
    ( NAME = N'IPC2JPractica1', FILENAME = N'C:\Program Files (x86)\Microsoft SQL
Server\MSSQL11.SQL2012\MSSQL\DATA\IPC2JPractica1.mdf' , SIZE = 5120KB , MAXSIZE =
UNLIMITED, FILEGROWTH = 1024KB )
    LOG ON
    ( NAME = N'IPC2JPractica1_log', FILENAME = N'C:\Program Files (x86)\Microsoft SQL
Server\MSSQL11.SQL2012\MSSQL\DATA\IPC2JPractica1_log.ldf' , SIZE = 1024KB , MAXSIZE =
2048GB , FILEGROWTH = 10%)
GO
ALTER DATABASE [IPC2JPractica1] SET COMPATIBILITY_LEVEL = 110
GO
IF (1 = FULLTEXTSERVICEPROPERTY('IsFullTextInstalled'))
begin
EXEC [IPC2JPractica1].[dbo].[sp_fulltext_database] @action = 'enable'
end
GO
ALTER DATABASE [IPC2JPractica1] SET ANSI_NULL_DEFAULT OFF
GO
ALTER DATABASE [IPC2JPractica1] SET ANSI_NULLS OFF
GO
ALTER DATABASE [IPC2JPractica1] SET ANSI_PADDING OFF
GO
ALTER DATABASE [IPC2JPractica1] SET ANSI_WARNINGS OFF
GO
ALTER DATABASE [IPC2JPractica1] SET ARITHABORT OFF
GO
ALTER DATABASE [IPC2JPractica1] SET AUTO_CLOSE OFF
GO
ALTER DATABASE [IPC2JPractica1] SET AUTO_CREATE_STATISTICS ON
GO
ALTER DATABASE [IPC2JPractica1] SET AUTO_SHRINK OFF
GO
ALTER DATABASE [IPC2JPractica1] SET AUTO_UPDATE_STATISTICS ON
GO
ALTER DATABASE [IPC2JPractica1] SET CURSOR_CLOSE_ON_COMMIT OFF
GO
ALTER DATABASE [IPC2JPractica1] SET CURSOR_DEFAULT GLOBAL
```

```
GO
ALTER DATABASE [IPC2JPractica1] SET CONCAT_NULL_YIELDS_NULL OFF
GO
ALTER DATABASE [IPC2JPractica1] SET NUMERIC_ROUNDABORT OFF
GO
ALTER DATABASE [IPC2JPractica1] SET QUOTED_IDENTIFIER OFF
GO
ALTER DATABASE [IPC2JPractica1] SET RECURSIVE_TRIGGERS OFF
GO
ALTER DATABASE [IPC2JPractica1] SET DISABLE_BROKER
GO
ALTER DATABASE [IPC2JPractica1] SET AUTO_UPDATE_STATISTICS_ASYNC OFF
GO
ALTER DATABASE [IPC2JPractica1] SET DATE_CORRELATION_OPTIMIZATION OFF
GO
ALTER DATABASE [IPC2JPractica1] SET TRUSTWORTHY OFF
GO
ALTER DATABASE [IPC2JPractica1] SET ALLOW_SNAPSHOT_ISOLATION OFF
GO
ALTER DATABASE [IPC2JPractica1] SET PARAMETERIZATION SIMPLE
GO
ALTER DATABASE [IPC2JPractica1] SET READ_COMMITTED_SNAPSHOT OFF
GO
ALTER DATABASE [IPC2JPractica1] SET HONOR_BROKER_PRIORITY OFF
GO
ALTER DATABASE [IPC2JPractica1] SET RECOVERY FULL
GO
ALTER DATABASE [IPC2JPractica1] SET MULTI_USER
GO
ALTER DATABASE [IPC2JPractica1] SET PAGE_VERIFY CHECKSUM
GO
ALTER DATABASE [IPC2JPractica1] SET DB_CHAINING OFF
GO
ALTER DATABASE [IPC2JPractica1] SET FILESTREAM( NON_TRANSACTED_ACCESS = OFF )
GO
ALTER DATABASE [IPC2JPractica1] SET TARGET_RECOVERY_TIME = 0 SECONDS
GO
USE [IPC2JPractica1]
GO
/***** Object: Table [dbo].[Cliente]  Script Date: 15/06/2015 11:22:22 p. m. *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
```

```

SET ANSI_PADDING ON
GO
CREATE TABLE [dbo].[Cliente](
    [Cod_carne] [int] IDENTITY(1,1) NOT NULL,
    [Nombre] [varchar](100) NULL,
    [DPI] [int] NULL,
    [Direccion] [varchar](100) NULL,
    [Telefono] [int] NULL,
    CONSTRAINT [PK_Cliente] PRIMARY KEY CLUSTERED
(
    [Cod_carne] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]

GO
SET ANSI_PADDING OFF
GO
/***** Object: Table [dbo].[Libro]  Script Date: 15/06/2015 11:22:22 p. m. *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
SET ANSI_PADDING ON
GO
CREATE TABLE [dbo].[Libro](
    [Cod_libro] [int] IDENTITY(1,1) NOT NULL,
    [Nombre] [varchar](100) NULL,
    [No_existentes] [int] NULL,
    [No_paginas] [int] NULL,
    [Tema] [varchar](50) NULL,
    [Autor] [varchar](50) NULL,
    [Disponibles] [int] NULL,
    [Prestados] [int] NULL,
    [Reservados] [int] NULL,
    CONSTRAINT [PK_Libro] PRIMARY KEY CLUSTERED
(
    [Cod_libro] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]

GO
SET ANSI_PADDING OFF

```

```

GO
/***** Object: Table [dbo].[Prestamo]  Script Date: 15/06/2015 11:22:22 p. m. *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
SET ANSI_PADDING ON
GO
CREATE TABLE [dbo].[Prestamo](
    [Cod_prestamo] [int] IDENTITY(1,1) NOT NULL,
    [Fecha_prestamo] [varchar](50) NULL,
    [Fecha_devolucion] [varchar](50) NULL,
    [Cod_carne] [int] NULL,
    [Cod_libro] [int] NULL,
    CONSTRAINT [PK_Prestamo] PRIMARY KEY CLUSTERED
(
    [Cod_prestamo] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
    ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]

```

```

GO
SET ANSI_PADDING OFF
GO
/***** Object: Table [dbo].[Reserva]  Script Date: 15/06/2015 11:22:22 p. m. *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
SET ANSI_PADDING ON
GO
CREATE TABLE [dbo].[Reserva](
    [Cod_reserva] [int] IDENTITY(1,1) NOT NULL,
    [Fecha_reservacion] [varchar](50) NULL,
    [Cod_carne] [int] NULL,
    [Cod_libro] [int] NULL,
    CONSTRAINT [PK_Reserva] PRIMARY KEY CLUSTERED
(
    [Cod_reserva] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
    ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]

```

```

GO

```



```
SET ANSI_PADDING OFF
GO
ALTER TABLE [dbo].[Prestamo] WITH CHECK ADD CONSTRAINT [FK_Prestamo_Cliente] FOREIGN
KEY([Cod_carne])
REFERENCES [dbo].[Cliente] ([Cod_carne])
GO
ALTER TABLE [dbo].[Prestamo] CHECK CONSTRAINT [FK_Prestamo_Cliente]
GO
ALTER TABLE [dbo].[Prestamo] WITH CHECK ADD CONSTRAINT [FK_Prestamo_Libro] FOREIGN
KEY([Cod_libro])
REFERENCES [dbo].[Libro] ([Cod_libro])
GO
ALTER TABLE [dbo].[Prestamo] CHECK CONSTRAINT [FK_Prestamo_Libro]
GO
ALTER TABLE [dbo].[Reserva] WITH CHECK ADD CONSTRAINT [FK_Reserva_Cliente] FOREIGN
KEY([Cod_carne])
REFERENCES [dbo].[Cliente] ([Cod_carne])
GO
ALTER TABLE [dbo].[Reserva] CHECK CONSTRAINT [FK_Reserva_Cliente]
GO
ALTER TABLE [dbo].[Reserva] WITH CHECK ADD CONSTRAINT [FK_Reserva_Libro] FOREIGN
KEY([Cod_libro])
REFERENCES [dbo].[Libro] ([Cod_libro])
GO
ALTER TABLE [dbo].[Reserva] CHECK CONSTRAINT [FK_Reserva_Libro]
GO
USE [master]
GO
ALTER DATABASE [IPC2JPractica1] SET READ_WRITE
GO
```