Programación Web II

EQUIPO 4 *(EDGAR, ANDREA, SAMARA, ABRAHAM)*

TIENDA DE MÚJICA

DISEÑO DE LA BASE DE DATOS

USER

Username VARCHAR(15) NOT NULL,
[**Name**] VARCHAR(50) NOT NULL,
[**Password**] VARCHAR(15) NOT NULL,
Email VARCHAR(30) NOT NULL,
PhoneNumber VARCHAR(10) NULL,
Active BIT NOT NULL,
PRIMARY KEY(**Username**)

FORMAT

Id INT NOT NULL IDENTITY(1,1),
TypeCode VARCHAR(3) NOT NULL,
[**Type**] VARCHAR(15) NOT NULL,
PRIMARY KEY(**Id**)

GENRE

Id INT NOT NULL IDENTITY(1,1),
GenreName VARCHAR(30) NOT NULL,
PRIMARY KEY(**Id**)

ARTIST

Id INT NOT NULL IDENTITY(1,1),
StageName VARCHAR(50) NOT NULL,
RealName VARCHAR(50) NOT NULL,
[**Description**] VARCHAR(50) NOT NULL,
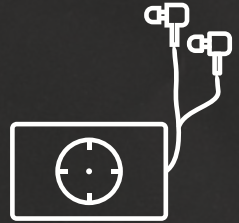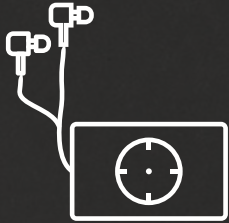**Active** BIT NOT NULL,
PRIMARY KEY(**Id**)

PRODUCT

IId INT NOT NULL IDENTITY(1,1),
[**Name**] VARCHAR(50) NOT NULL,
Price DECIMAL NOT NULL,
[**Description**] VARCHAR(MAX) NULL,
Active BIT NOT NULL,
IdGenre INT NOT NULL,
CONSTRAINT FK_ProductGenre
FOREIGN KEY (IdGenre) REFERENCES
Genre(Id),
PRIMARY KEY(Id)

PRODUCTFORMAT

IId INT NOT NULL IDENTITY(1,1),
IdProduct INT NOT NULL,
IdFormat INT NOT NULL,
CONSTRAINT FK_ProductFormatProduct
FOREIGN KEY(**IdProduct**) REFERENCES
Product,
CONSTRAINT FK_ProductFormatFormat
FOREIGN KEY(**IdFormat**) REFERENCES
[Format],
PRIMARY KEY(**Id**)

TIENDA DE MÚJICA

DISEÑO DE LA BASE DE DATOS

SHOPPING CART

Id INT NOT NULL IDENTITY(1,1),
IdProduct INT NOT NULL,
Username VARCHAR(15) NOT NULL,
CONSTRAINT FK_ShoppingCartProduct
FOREIGN KEY (IdProduct) REFERENCES
Product(Id),
CONSTRAINT FK_ShoppingCartUser
FOREIGN KEY (Username) REFERENCES
[User](Username),
PRIMARY KEY(**Id**),

ARTISTPRODUCT

Id INT NOT NULL IDENTITY(1,1),
IdArtist INT NOT NULL,
IdProduct INT NOT NULL,
CONSTRAINT FK_ArtistProductArtist
FOREIGN KEY(IdArtist) REFERENCES
Artist(Id),
CONSTRAINT FK_ArtistProductProduct
FOREIGN KEY(IdProduct) REFERENCES
Product(Id),
PRIMARY KEY(**Id**)

PHOTOS

Id INT NOT NULL IDENTITY(1,1),
[**Image**] VARBINARY(MAX) NOT
NULL,
IdProduct INT NOT NULL,
CONSTRAINT FK_PhotosProduct
FOREIGN KEY(IdProduct)
REFERENCES Product(Id),
PRIMARY KEY(**Id**),

ADRESS

Id INT NOT NULL,
Street VARCHAR(20) NOT NULL,
CP VARCHAR(10) NOT NULL,
City VARCHAR(20) NOT NULL,
Country VARCHAR(20) NOT NULL,
Suburb VARCHAR(20) NOT NULL,
Username VARCHAR(15) NOT NULL,
CONSTRAINT FK_AddressUser
FOREIGN KEY (Username) REFERENCES
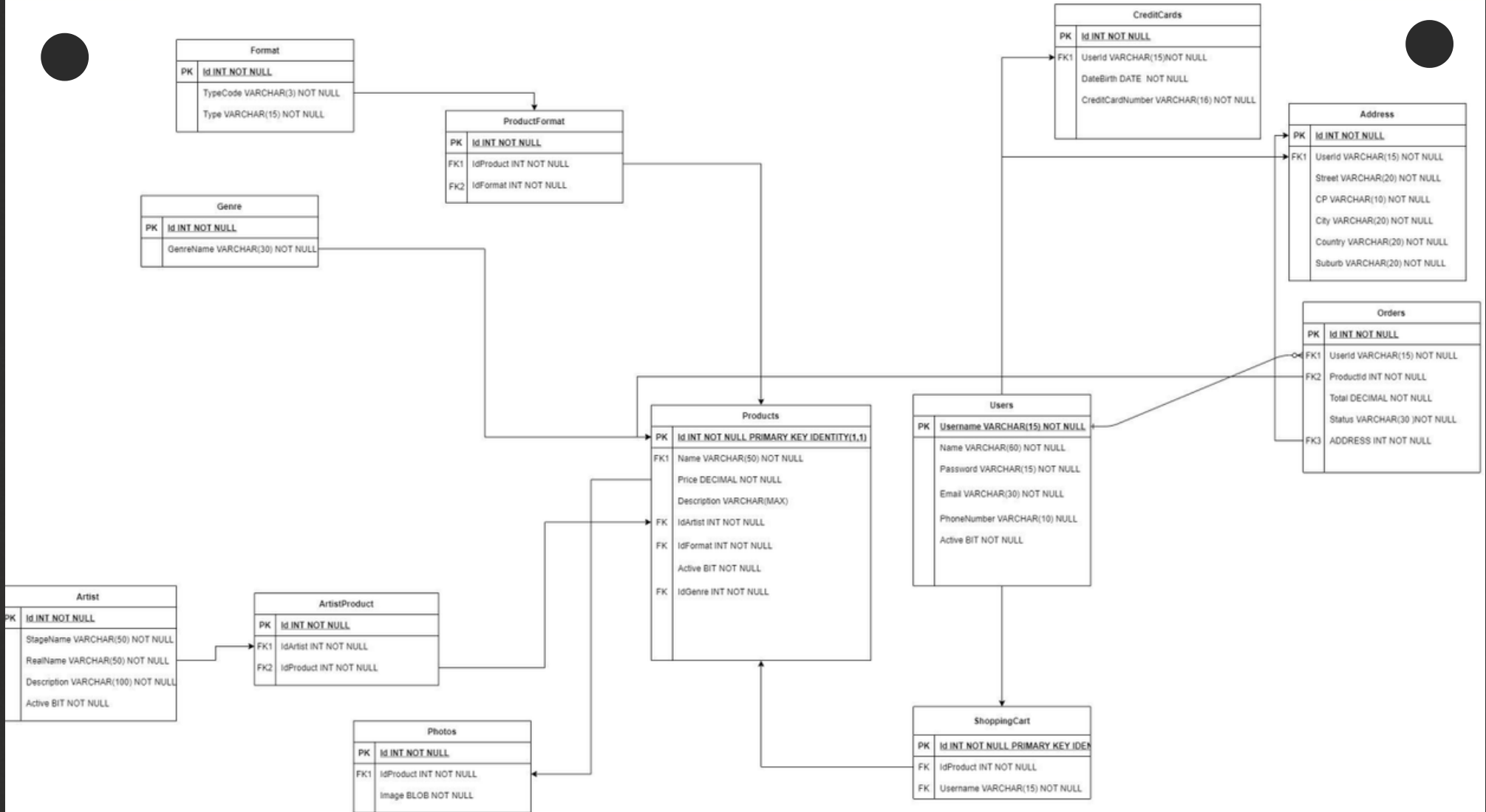[ser](Username),
PRIMARY KEY (**Id**),

ORDER

Id INT NOT NULL,
Total DECIMAL NOT NULL,
[**Status**] VARCHAR(30) NOT NULL,
IdAddress INT NOT NULL,
Username VARCHAR(15) NOT NULL,
IdProduct INT NOT NULL,
CONSTRAINT FK_OrderUser
FOREIGN KEY (Username) REFERENCES [User]
(Username),
CONSTRAINT FK_OrderAddress
FOREIGN KEY (IdAddress) REFERENCES [Address](Id),
PRIMARY KEY (Id),

ORDERPRODUCT

Id INT NOT NULL,
IdProduct INT NOT NULL,
IdOrder INT NOT NULL,
CONSTRAINT FK_OrderProductProduct
FOREIGN KEY (IdProduct) REFERENCES
Product(Id),
CONSTRAINT FK_OrderProductOrder
FOREIGN KEY (IdOrder) REFERENCES
[Order](Id),
PRIMARY KEY (**Id**),

TIENDA DE MÚJICA

DISEÑO DE DIAGRAMA TDM

(Adjunto aparte en mayor calidad)

TIENDA DE MÚJICA

DIAGRAMA TDM GENERADO DESDE SQL SERVER
(Adjunto aparte en mayor calidad)