CREATE TABLE Artist (

IDArtist INT IDENTITY(1,1) PRIMARY KEY NOT NULL,

FullNameArtist NVARCHAR (200) NOT NULL,

AgeArtist INT DEFAULT 18 CHECK (AgeArtist >= 18 AND AgeArtist <= 100),

BriefBiography NVARCHAR(300),

PhoneNumberArtist NVARCHAR(15) UNIQUE NOT NULL,

EmailArtist NVARCHAR(100) UNIQUE NOT NULL CHECK (

EmailArtist LIKE '%\_@%\_.\_\_%'

AND EmailArtist NOT LIKE '% %'

AND EmailArtist NOT LIKE '@%'

AND EmailArtist NOT LIKE '%@'

AND LEN(EmailArtist) >= 5

),

PasswordArtist NVARCHAR(100)NOT NULL

);

CREATE TABLE Pictures (

IDPicture INT IDENTITY(1,1) PRIMARY KEY NOT NULL,

NameOfPicture NVARCHAR(150) NOT NULL,

DescriptionOfPicture NVARCHAR(300),

StyleOfDrawing NVARCHAR(200),

YearOfDrawing DATE,

Materials NVARCHAR(200),

Price DECIMAL(10, 2) DEFAULT 1000.00 CHECK (Price >= 0.01),

ConditionPictures NVARCHAR(20) NOT NULL,

IDArtist INT NOT NULL

ALTER TABLE Pictures

ADD FOREIGN KEY (IDArtist) REFERENCES Artist (IDArtist)ON DELETE CASCADE

);

CREATE TABLE Merch (

IDMerch INT IDENTITY(1,1) PRIMARY KEY NOT NULL,

NameOfMerch NVARCHAR(130) NOT NULL,

TypeOfMerch NVARCHAR(100),

Price DECIMAL(10, 2) DEFAULT 1000.00 CHECK (Price >= 0.01),

ConditionMerch NVARCHAR(20) NOT NULL,

IDArtist INT NOT NULL

ALTER TABLE Merch

ADD FOREIGN KEY (IDArtist) REFERENCES Artist (IDArtist)ON DELETE CASCADE

);

CREATE TABLE Client (

IDClient INT IDENTITY(1,1) PRIMARY KEY NOT NULL,

FullNameClient NVARCHAR(200) NOT NULL,

AgeClient INT DEFAULT 18 CHECK (AgeClient >= 18 AND AgeClient <= 100),

[Password] NVARCHAR(100) NOT NULL,

EmailClient NVARCHAR(100) UNIQUE NOT NULL,

PhoneNumberClient VARCHAR(15) NOT NULL

CHECK (PhoneNumberClient NOT LIKE '%[^0-9]%')

CHECK (LEN(PhoneNumberClient) BETWEEN 10 AND 15),

UNIQUE (PhoneNumberClient)

);

CREATE TABLE Brand (

IDBrand INT IDENTITY(1,1) PRIMARY KEY NOT NULL,

NameOfCompany NVARCHAR(300) NOT NULL,

TermsOfAgreement NVARCHAR(1000) NOT NULL,

TypeOfProduct NVARCHAR(150),

Price DECIMAL(19, 4) DEFAULT 1000.00 CHECK (Price >= 0.01)

);  
CREATE TABLE Journal (

IDJournal INT IDENTITY(1,1) PRIMARY KEY NOT NULL,

NameOfJournal NVARCHAR(200) NOT NULL,

JournalRequirements NVARCHAR(400),

JournalStake DECIMAL(10, 2) DEFAULT 2.0

);  
CREATE TABLE Gallery (

IDGallery INT IDENTITY(1,1) PRIMARY KEY NOT NULL,

NameOfGallery NVARCHAR(200) NOT NULL,

GalleryStake DECIMAL(10,2) DEFAULT 2.0

);

CREATE TABLE Review (

IDReview INT IDENTITY(1,1) PRIMARY KEY NOT NULL,

IDArtist INT NOT NULL,

IDClient INT NOT NULL,

Comment NVARCHAR(500)

);

ALTER TABLE Review

ADD FOREIGN KEY (IDArtist) REFERENCES Artist (IDArtist) ON DELETE CASCADE

ALTER TABLE Review

ADD FOREIGN KEY (IDClient) REFERENCES Client (IDClient) ON DELETE CASCADE

CREATE TABLE Collaborations (

IDCollaboration INT IDENTITY(1,1) PRIMARY KEY NOT NULL,

IDArtist INT NOT NULL,

IDBrand INT NOT NULL

);

ALTER TABLE Collaborations

ADD FOREIGN KEY (IDArtist) REFERENCES Artist (IDArtist) ON DELETE CASCADE

ALTER TABLE Collaborations

ADD FOREIGN KEY (IDBrand) REFERENCES Brand (IDBrand) ON DELETE CASCADE

CREATE TABLE Publishes (

IDPublish INT IDENTITY(1,1) PRIMARY KEY NOT NULL,

IDArtist INT NOT NULL,

IDJournal INT NOT NULL

);

ALTER TABLE Publishes

ADD FOREIGN KEY (IDArtist) REFERENCES Artist (IDArtist) ON DELETE CASCADE

ALTER TABLE Publishes

ADD FOREIGN KEY (IDJournal) REFERENCES Journal (IDJournal) ON DELETE CASCADE

CREATE TABLE Exhibition (

IDExhibition INT IDENTITY PRIMARY KEY NOT NULL,

IDArtist INT NOT NULL,

IDGallery INT NOT NULL

);

ALTER TABLE Exhibition

ADD FOREIGN KEY (IDArtist) REFERENCES Artist (IDArtist) ON DELETE CASCADE

ALTER TABLE Exhibition

ADD FOREIGN KEY (IDGallery) REFERENCES Gallery (IDGallery) ON DELETE CASCADE