Attribute’s domain:

General info:

App is only available in iran;

Foreign keys will have same data type as the main field

But we will not write FK fields domain but only few one;

Customer:

PhoneNumber:PK

Dom(PhoneNumber)=VARCHAR(13);

Forms=09XXXXXXXXX or +989XXXXXXXXX;

SignUpDate:

Dom(SignUpDate)=DATE;

Format=YYYY/MM/DD;

UserName:

Dom(Name)=NVARCHAR(50);

Only contain characters: [a-z]||[A-Z]||[آ-ی]||{‘ ‘,’\_’};

Age:

Dom(Age)=TINYINT,17<Age;

Address:

Dom address=TEXT;

Format Should be=

ALLEY-ST-Av-Blv-Sq-QUARTER-P.O\_BOX-No-Unit-Floor;

CityName:

Dom(CityName)=NVARCHAR(20);

Product:

ProductID:PK

Dom(ProductID)=INT;

NOTE: new product ID will be:Last ProductID+1;

Address:

Dom(address)=TEXT;

Format=

ALLEY-ST-Av-Blv-Sq-QUARTER-P.O\_BOX-No-Unit-Floor;

Available:

Dom (Available)=BIT;

Product\_Name:

Dom(Product\_Name)=NVARCHAR(50);

Only contain characters: [a-z]||[A-Z]||[آ-ی]||{‘ ‘,’\_’};

Price:

Dom(Price)=BIGINT&Price>=0;

Picture:

Dom(Picture)=VARCHAR(MAX);

NOTE: pictures will be saved as base64;

Quality:

Dom(Quality):TINYINT & 0=<Quality<7;

Number mapping🡪

{

0:’ کالای فروشگاهی’,

1:’ نو(دست نخورده)’,

2:’ در حد نو’,

3:’ کم استفاده شده’,

4:’ در حد معمول استفاده شده’,

5:’ زیاد استفاده شده’,

6:’ دارای خرابی’,

}

PostDate:

Dom(PostDate)= SMALLDATETIME;

Format= YYYY-MM-DD hh:mm:ss;

ProductDetail:

Dom(ProductDetail)=TEXT;

OwnerDescription:

Dom(OwnerDescription)=TEXT;

PhoneNumber:

Dom(PhoneNumber)=VARCHAR(13);

Forms=09XXXXXXXXX or +989XXXXXXXXX;

CityName:

Dom(CityName)=NVARCHAR(20);

Category:

Dom(Category)=VARCHAR(50);

AdminSSN:

Dom(AdminSSN)=CHAR(10);

Admin:

AdminSSN:PK

Dom(AdminSSN)=CHAR(10);

PhoneNumber:

Dom(PhoneNumber)=VARCHAR(13);

Forms=09XXXXXXXXX or +989XXXXXXXXX;

SignUpDate:

Dom(SignUpDate)=DATE;

Format=YYYY/MM/DD;

Name:

Dom(Name)=NVARCHAR(50);

Only contain characters: [a-z]||[A-Z]||[آ-ی]||{‘ ‘,’\_’};

Age:

Dom(Age)=TINYINT,17<Age;

Address:

Dom address=NVARCHAR(150);

Format=

ALLEY-ST-Av-Blv-Sq-QUARTER-P.O\_BOX-No-Unit-Floor;

Comment:

Comment:

Dom(Comment)=TEXT;

CommentDate:

Dom(CommentDate)= SMALLDATETIME;

Format= YYYY-MM-DD hh:mm:ss;

Request:

RequestDate:

Dom(RequestDate)= SMALLDATETIME;

Format= YYYY-MM-DD hh:mm:ss;

Bookmark:

BookmarkDate:

Dom(BookmarkDate)= SMALLDATETIME;

Format= YYYY-MM-DD hh:mm:ss;

Deal:

Date:

Dom(Date)= SMALLDATETIME;

Format= YYYY-MM-DD hh:mm:ss;

DealID:PK

Dom(DealID)=INT;

NOTE: new Deal ID will be:Last Deal ID+1;

Price:

Dom(Price)=BIGINT&Price>=0;