



Customer_Phone_Numbers
CustomerID INT
PhoneNumber VARCHAR(25)
Indexes

Has Phone Numbers

Customer
CustomerID INT
FirstName VARCHAR(45)
LastName VARCHAR(45)
CompanyName VARCHAR(45)
Email VARCHAR(45)
City VARCHAR(45)
Country VARCHAR(45)
StreetNumber VARCHAR(15)
StreetName VARCHAR(45)
Postcode INT
Suburb VARCHAR(45)
State VARCHAR(45)
Indexes

Has Copyright Permission For

ArtworkPermissions
CustomerID INT
ArtworkID INT
Indexes

Copyright Permission For

Artwork
ObjectID INT
Type VARCHAR(45)
Title VARCHAR(45)
MakerID INT
Height INT
Width INT
Depth INT
Medium VARCHAR(45)
Origin VARCHAR(45)
CompletionYear YEAR(4)
CopyrightReproductability ENUM(...)
Indexes

Owned By

Artwork_Ownership
ObjectID INT
OwnerID INT
StartOfOwnership DATETIME
EndOfOwnership DATETIME
Indexes

Owned

Owner
OwnerID INT
RepresentativeID INT
OrganisationName VARCHAR(45)
Country VARCHAR(45)
StreetNumber VARCHAR(15)
StreetName VARCHAR(45)
Postcode INT
Suburb VARCHAR(45)
State VARCHAR(45)
Indexes

Represented By

Representative
RepresentativeID INT
FirstName VARCHAR(45)
LastName VARCHAR(45)
Email VARCHAR(45)
PhoneNumber VARCHAR(15)
InternationalCode VARCHAR(5)
Indexes

Proposal
ProposalNumber INT
Date DATETIME
Market ENUM(...)
Duration INT
Exclusiveness TINYINT
OfferPrice DECIMAL(10,2)
CustomerID INT
ArtworkID INT
Indexes

To Acquire Permission For

Maker
MakerID INT
FirstName VARCHAR(45)
LastName VARCHAR(45)
BirthYear YEAR(4)
DeathYear YEAR(4)
Nationality VARCHAR(45)
CompanyName VARCHAR(45)
Indexes

Made By

Contract
IterationNumber INT
ProposalNumber INT
CreationDate DATETIME
Status ENUM(...)
ApprovalDate DATETIME
ContractPrice DECIMAL(10,2)
ManagerID INT
Indexes

Managed By

AccountManager
ManagerID INT
FirstName VARCHAR(45)
LastName VARCHAR(45)
BaseSalary INT
City VARCHAR(45)
Country VARCHAR(45)
Indexes

Proposed By

Intended Purpose For

Purpose
PurposeCode INT
ProposalNumber INT
ProposalDescription VARCHAR(45)
Indexes

Drawn From

Charged For

Invoice
ProposalNumber INT
ContractIterationNumber INT
Date DATETIME
CustomerID INT
Indexes

Charged To

Assumptions:

- Duration recorded in weeks and will not go over limit (5 years \approx 260 weeks)
- All input will be inputted correctly and will not allow user to key in the wrong format.
- Every proposal will have a contract drawn up.
- Assuming if unknown maker or if found on the streets, we will create a new maker, with a maker ID and a first name of "Unknown".
- Artwork will always be owned by someone at any given time. If found, it would be the person who found it. Else, it would either be the maker or the company itself.
- Owner can be own representative, but must create a representative ID, along with all other attributes of representative entity.
- Artwork's medium, dimensions, and type can all be measured or discovered, but others might not. Title of unknown artworks would be "Unknown".
- Address is stored as a single field and will always be a valid address.
- Intended market will only be "Commercial", "Research", or "Non-profit" and will not include others.
- All dollar amounts (prices or salary) will be in US Dollars.
- The ownership of an artwork will end when a new owner takes up ownership of the artwork.
- Address would include Street Number (which could include letters: e.g. 13a), Street Name, Postcode, Suburb (which is not necessarily the same as city), and State.
- Only one address is stored at a time.
- Customers can have more than one telephone number (e.g. Home number, fax number, etc.) which would include international code when being input but representative only needs one.