**Database design**

**Entities and Attributes**

**Users**

* Id
* Name
* Uname
* Email
* Phone
* Pass
* Date

**Clients**

* Id
* Username
* Password
* Artid
* Bid
* Date

**Arts**

* Id
* Full\_name
* StartDate
* MinimumBid
* ArtID

**EmailService**

* Id
* Name
* Phone
* Email
* Message

**Relationships**

* Uploads, messages and bidds

**Entity relationship diagram**

Users

**M**

**M M**

Bidds

Uploads

**M M**

messages

Arts

Clients

**M**

EmailService

**SQL Code**

**-- Users Table**

**CREATE TABLE Users (**

**Id INT AUTO\_INCREMENT PRIMARY KEY,**

**Name VARCHAR(50) NOT NULL,**

**Uname VARCHAR(50) UNIQUE NOT NULL,**

**Email VARCHAR(50) UNIQUE NOT NULL,**

**Phone VARCHAR(20) NOT NULL,**

**Pass VARCHAR(255) NOT NULL,**

**Date TIMESTAMP DEFAULT CURRENT\_TIMESTAMP**

**);**

**-- Clients Table**

**CREATE TABLE Clients (**

**Id INT AUTO\_INCREMENT PRIMARY KEY,**

**Username VARCHAR(50) UNIQUE NOT NULL,**

**Password VARCHAR(50) NOT NULL,**

**ArtId INT NOT NULL,**

**Bid DECIMAL(10,2) NOT NULL,**

**Date TIMESTAMP DEFAULT CURRENT\_TIMESTAMP**

**);**

**-- Arts Table**

**CREATE TABLE Arts (**

**Id INT AUTO\_INCREMENT PRIMARY KEY,**

**Full\_name VARCHAR(50) NOT NULL,**

**StartDate DATE NOT NULL,**

**MinimumBid DECIMAL(10,2) NOT NULL,**

**ArtID VARCHAR(50) NOT NULL UNIQUE**

**);**

**-- EmailService Table**

**CREATE TABLE EmailService (**

**Id INT AUTO\_INCREMENT PRIMARY KEY,**

**Name VARCHAR(50) NOT NULL,**

**Phone VARCHAR(50) NOT NULL,**

**Email VARCHAR(50) NOT NULL,**

**Message TEXT NOT NULL**

**);**