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| Artist | | |
| Artist\_id  {Primary key} | Bio | Addhar\_Card |

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| Art Work | | | | | | | |
| Artwork\_id  {Primary key} | Artist\_id  {Foreign key referencing Artist table} | Title | Description | Price | Image\_URL | Creation\_date | IS\_Available |

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| Categories | |
| Categorie\_id  {Primary key} | Categorie\_name |

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| Artwork Categories | |
| Artwork\_id  {Primary key} | Categorie\_id  {Foreign key referencing Artist table} |

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| Users | | | | | | | | |
| User\_id  {Primary key} | User\_name | Email | Password | Name | Gender | DOB | Address | Mobile\_No |

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| Orders | | | | |
| Order\_id  {Primary key} | User\_id  {Foreign key referencing Users table} | Order\_date | Total\_Amount | isPaid |

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| Order Items | | | | | |
| Order\_item\_id  {Primary key} | Order\_id  {Foreign key referencing Orders table} | Artwork\_id | Total\_Amount | quantity | Item\_price |

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| Payment | | | | | | |
| Payment\_id | Order\_id  {Foreign key referencing Orders | Payment\_date | Payment\_method | amount | Transaction\_id | status |

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| Cart | | | | | |
| Customer\_id | ArtWork\_id | Quantity | ArtWork\_price | Total Amount | Is\_Available |

-- Create Artists table

CREATE TABLE Artists (

artist\_id INT AUTO\_INCREMENT PRIMARY KEY,

artist\_name VARCHAR(100) NOT NULL,

email VARCHAR(100) NOT NULL,

phone VARCHAR(20),

bio TEXT,

location VARCHAR(200)

);

-- Create Artworks table

CREATE TABLE Artworks (

artwork\_id INT AUTO\_INCREMENT PRIMARY KEY,

artist\_id INT NOT NULL,

title VARCHAR(200) NOT NULL,

description TEXT,

price DECIMAL(10, 2) NOT NULL,

image\_url VARCHAR(200),

creation\_date DATE,

is\_available BOOLEAN DEFAULT TRUE,

FOREIGN KEY (artist\_id) REFERENCES Artists(artist\_id)

);

-- Create Categories table

CREATE TABLE Categories (

category\_id INT AUTO\_INCREMENT PRIMARY KEY,

category\_name VARCHAR(100) NOT NULL

);

-- Create ArtworkCategories table

CREATE TABLE ArtworkCategories (

artwork\_id INT NOT NULL,

category\_id INT NOT NULL,

PRIMARY KEY (artwork\_id, category\_id),

FOREIGN KEY (artwork\_id) REFERENCES Artworks(artwork\_id),

FOREIGN KEY (category\_id) REFERENCES Categories(category\_id)

);

-- Create Users table

CREATE TABLE Users (

user\_id INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(50) NOT NULL,

email VARCHAR(100) NOT NULL,

password VARCHAR(100) NOT NULL,

is\_admin BOOLEAN DEFAULT FALSE

);

-- Create Orders table

CREATE TABLE Orders (

order\_id INT AUTO\_INCREMENT PRIMARY KEY,

user\_id INT NOT NULL,

order\_date DATE,

total\_amount DECIMAL(10, 2),

is\_paid BOOLEAN DEFAULT FALSE,

is\_fulfilled BOOLEAN DEFAULT FALSE,

FOREIGN KEY (user\_id) REFERENCES Users(user\_id)

);

-- Create OrderItems table

CREATE TABLE OrderItems (

order\_item\_id INT AUTO\_INCREMENT PRIMARY KEY,

order\_id INT NOT NULL,

artwork\_id INT NOT NULL,

quantity INT NOT NULL,

item\_price DECIMAL(10, 2) NOT NULL,

FOREIGN KEY (order\_id) REFERENCES Orders(order\_id),

FOREIGN KEY (artwork\_id) REFERENCES Artworks(artwork\_id)

);

-- Create Payment table

CREATE TABLE Payment (

payment\_id INT AUTO\_INCREMENT PRIMARY KEY,

order\_id INT NOT NULL,

payment\_date DATETIME,

payment\_method VARCHAR(50),

amount DECIMAL(10, 2),

transaction\_id VARCHAR(100),

status VARCHAR(20),

FOREIGN KEY (order\_id) REFERENCES Orders(order\_id)

);

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