TABLE DESIGN

ONLINE ART GALLERY

Table: User

Primary Key: user_id

Foreign key:

Number	Field Name	Datatype(size)	Key Constraints	Description of the field
1	user_id	int(10)	Primary key	User id
2	username	varchar(30)	unique	username
3	password	varchar(30)	not null	password
4	User type	varchar(30)	not null	User type(admin,artist,customer)
5	email	varchar(30)	not null	email

Table: Artist table

Primary key: artist_id

Foreign key:

Number	Field Name	Datatype(size)	Key Constraints	Description of the field
1	Artist_id	Int(10)	primary key	artist id
2	Artist name	Varchar(30)	not null	name of the artist
3	email	Varchar(49)	not null	email
4	Artwork category	Varchar(49)	Not null	Artwork category

Table: customer

Primary key: customer_id

Foreign key:

Number	Field Name	Datatype(size)	Key Constraints	Description of the field
1	customer_id	int(30)	primary key	Customer id
2	customer name	Varchar(30)	Not null	customer name
3	Address	Varchar(60)	not null	Address
4	phno	Varchar(30)	not null	phno

Table: Artwork table

Primary key: artwork_id

Composite key: Artist_id

Number	Field Name	Datatype(size)	Key Constraints	Description of the field
1	Artwork_id	int(10)	primary key	artwork id
2	Artist_id	int(10)	composite key	Artist id
3	title	Varchar(30)	not null	title
4	Description	Varchar(30)	not null	Description
5	price	Decimal(10,3)	not null	price
6	category	Varchar(30)	not null	Category of artwork

Table: competition table

Primary key: competition _id

Foreign key:

Number	Field Name	Datatype(size)	Key Constraints	Description of the field
1	competition _id	int(10)	primary key	competition id
2	competition _name	varchar(30)	not null	competition name
3	Date and time	DATE TIME	not null	Date and time
4	Competition location	varchar(30)	not null	Competition location

Table: Art work reviews table

Primary key: review_id

Foreign key: artwork_id , customer_id

Number	Field Name	Datatype(size)	Key Constraints	Description of the field
1	review_id	int(10)	primary key	Review id
2	artist_id	int(10)	foreign key	artist_id
3	Customer_id	int(10)	foreign key	Customer id
4	rating	int(10)	not null	rating
5	comment	varchar(30)	not null	comment
6	Review date	DATETIME	not null	Review date

Table: Art work likes table

Primary key: like_id

Foreign key: artwork_id , customer_id

Number	Field Name	Datatype(size)	Key Constraints	Description of the field
1	like_id	int(10)	primary key	agency id
2	Artwork_id	int(10)	foreign key	Artwork id
3	customer_id	int(10)	foreign key	Customer id
4	Like date	DATE	not null	Like date

Table: Artwork sales table

Primary key: sale_id

Foreign key: artwork_id , customer_id

Number	Field Name	Datatype(size)	Key Constraints	Description of the field
1	sales_id	int(10)	primary key	Sales id
2	Artwork_id	int(20)	foreign key	Artwork id
3	customer_id	int(10)	foreign key	Customer id
4	Sale date	DATE	Not null	Sale date
5	Sale amount	Decimal(10,8)	Not null	Sale amount
6	Payment method	varchar(30)	Not null	Payment method
7	Transaction status	varchar(30)	Not null	Transaction status

Table: Exhibition table

Primary key: Exhibition_id

Foreign key: Artist_id

Number	Field Name	Datatype(size)	Key Constraints	Description of the field
1	Exhibition_id	int(10)	primary key	Exhibition id
2	Theme	varchar(30)	not null	Theme of the Exhibition
3	Artist_id	int(10)	foreign key	Artist_id
4	Start date	DATE	Not null	Start date of the Exhibition
5	End date	DATE	Not null	End date of the Exhibition