user

Field Name	Data type	constrains
user_id	INT	Primary Key
Email	VARCHAR(50)	Unique
password	VARCHAR(50)	NOT_NULL

userinfo

Field Name	Data type	constrains
User_info_id	INT	Primary Key
User_id	INT	Foreign key(user. User_id)
Name	VARCHAR(50)	NOT_NULL
bid_name	VARCHAR(50)	UNIQUE
phone	VARCHAR(50)	NOT_NULL
street	VARCHAR(50)	NOT_NULL
city	VARCHAR(50)	NOT_NULL
state	VARCHAR(50)	NOT_NULL
postal_code	VARCHAR(50)	NOT_NULL
country	VARCHAR(50)	NOT_NULL

Product

Field Name	Data type	constrains
Product_id	INT	Primary Key
Seller_id	INT	Foreign Key(user.user_id)
name	VARCHAR(50)	NOT_NULL
Prod_des	VARCHAR(50)	NOT_NULL
Img_url	ImageField	NOT_NULL
auction_start	Datetime	NOT_NULL
Auction_end	Datetime	NOT_NULL
verified	Boolean	NOT_NULL

Auction

Field Name	Data type	constrains
auction_id	INT	Primary Key
product_id	INT	Foreign key(product. Product_id)
status	boolean	Not null

Bid

Field Name	Data type	constrains
bid_id	INT	Primary Key
auction_id	INT	Foreign Key(Auction.auction_id)
user_id	INT	Foreign Key(user.user_id)
amount	DECIMAL(10,2)	Not null
timestamp	Datetime	Not null

Bidding Leaderboard

Field Name	Data type	constrains
leaderboard_id	INT	Primary Key
auction_id	INT	Foreign Key(auction.aution_id)
user_id	INT	Foreign Key(user.user_id)
bid_amount	DECIMAL(10,2)	Not null

verification

Field Name	Data type	constrains
Mem_id	VARCHAR(50)	Primary Key
product_id	VARCHAR(50)	Foreign Key(product.product_id)
status	Boolean	Not null
Verification_date	Date	Not null