





price_history				
FK	advert_id	Advert ID	INT	NOT NULL FOREIGN KEY
	price	Price	NUMERIC	NOT NULL CHECK > 0
	change_date	Price change date	TIMESTAMP	

characteristic				
FK	product_id	Product ID	INT	NOT NULL FOREIGN KEY
	forename	Characteristic type	VARCHAR(100)	NOT NULL CHECK (LENGTH > 0)
	description	Characteristic description	VARCHAR(999)	

advert				
PK	id	Advert ID	SERIAL	NOT NULL UNIQUE PRIMARY KEY
FK	product_id	Product ID	INT	NOT NULL FOREIGN KEY
FK	seller_id	Seller ID	INT	NOT NULL FOREIGN KEY
	price	Price	NUMERIC	NOT NULL CHECK > 0
	delivery_term	Product delivery term	INT	NOT NULL CHECK > 0
	publication_date	Advert publication date	DATE	

product				
PK	id	Product ID	SERIAL	NOT NULL UNIQUE PRIMARY KEY
FK	category_id	Category ID	INT	NOT NULL FOREIGN KEY
	forename	Product name	VARCHAR(100)	NOT NULL UNIQUE CHECK (LENGTH > 0)
	description	Product description	VARCHAR(999)	

category				
PK	category_id	Category ID	SERIAL	NOT NULL UNIQUE PRIMARY KEY
	forename	Category name	VARCHAR(100)	NOT NULL UNIQUE CHECK (LENGTH > 0)
	description	Category description	VARCHAR(999)	

seller				
PK	id	Seller ID	SERIAL	NOT NULL UNIQUE PRIMARY KEY
	forename	Seller name	VARCHAR(100)	NOT NULL UNIQUE CHECK (LENGTH > 0)
	location	Seller location	VARCHAR(100)	
	registration_date	Seller registration date	TIMESTAMP	

review				
FK	product_id	Product ID	INT	NOT NULL FOREIGN KEY
FK	user_id	User ID	INT	NOT NULL FOREIGN KEY
	mark	Mark	INT	NOT NULL CHECK >= 0 and <= 5
	description	Review description	VARCHAR(100)	
	publication_date	Review publication date	TIMESTAMP	

favourite				
FK	product_id	Product ID	INT	NOT NULL
FK	user_id	User ID	INT	NOT NULL

user				
PK	id	User ID	SERIAL	NOT NULL UNIQUE PRIMARY KEY
	forename	User name	VARCHAR(100)	NOT NULL CHECK (LENGTH > 0)
	surname	User surname	VARCHAR(100)	
	birthday	User birthday	DATE	
	phone	User phone number	VARCHAR(11)	NOT NULL UNIQUE
	email	User email address	VARCHAR(50)	
	card	User card number	VARCHAR(16)	
	registration_date	User registration date	TIMESTAMP	