CSE 202: Fundamentals of Database Management

Project Deadline - 3

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We created different tables in SQL (using "CREATE TABLE") to manage the data in our project, Kirana, an online retail store. The respective attributes as shown in the ER diagrams and relation schemas were added, along with their datatypes and constraints. The tables were then populated with data generated accordingly.

Key:
PK - primary key
NN - not null
UQ - unique
FK - foreign key

S.No.	Table	Attributes	Datatype	Constraints
1	Customer	customer_id	int	PK, UQ, NN
		first_name	varchar(40)	NN
		middle_name	varchar(40)	
		last_name	varchar(40)	
		date_of_birth	date	NN
		phone_num	varchar(20)	NN
		email_address	varchar(50)	NN, UQ
		password	varchar(30)	NN
		apt_number	int	NN
		street	text	NN
		city	varchar(50)	NN
		state	varchar(50)	NN
		pincode	numeric(6,0)	NN
2	Seller	seller_id	int	PK, UQ, NN

		name	varchar(40)	NN
		phone_num	varchar(20)	NN
		apt_number	int	NN
		street	text	NN
		city	varchar(50)	NN
		state	varchar(50)	NN
		pincode	numeric(6,0)	NN
3	Category	category_id	int	PK, UQ, NN
		name	varchar(40)	NN
4	Product	product_id	int	PK, UQ, NN
		name	varchar(40)	NN
		price	numeric(10, 2)	NN
		quantity	int	NN
		rating	tinyint	NN
		description	int	
		seller_id	int	FK, UQ, NN
		category_id	int	FK, UQ, NN
5	Payment	payment_id	int	PK, UQ, NN
		payment_mode	varchar(30)	NN
6	DeliveryPartner	deliverypartner_id	int	PK, UQ, NN
		vehicle_id	varchar(30)	UQ, NN
		vehicle_name	varchar(30)	NN
7	Orders	order_id	int	PK, UQ, NN
		delivery_addr	text	NN
		total_cost	numeric(25, 2)	
		taxes	numeric(25, 2)	
		delivery_fee	numeric(15, 2)	
		customer_id	int	FK, NN
		payment_id	int	FK, NN, UQ
		deliverypartner_id	int	FK, NN, UQ
8	ShoppingCart	total_cost	numeric(25, 2)	
		taxes	numeric(25, 2)	
		customer_id	int	FK, UQ, NN
		order_id	int	FK, UQ, NN
		product_id	int	FK, UQ, NN

9	Shipment	delivery_date delivery_status order_id deliverypartner_id	timestamp boolean int int	 FK, UQ, NN FK, UQ, NN
10	Admin	admin_id username password	int varchar(50) varchar(30)	PK, UQ, NN UQ, NN NN
11	Inventory	product_id quantity	int int	FK, UQ, NN NN