Dock

No	PK	FK	Column Name	Data Type	Mandatory	Description
1	x		id	INT	Yes	Dock id, auto increment
2			area	INT	Yes	Area of the dock
3			address	VARCHAR(100)	Yes	Address of the dock
4			max_capacity	INT	Yes	Maximum slot of the dock
5			Num_of_available	INT	Yes	Number of available bike in dock
6			imageURL	VARCHAR(45)	yes	Dock image path

Bike

No	PK	FK	Column Name	Data Type	Mandatory	Description
1	x		Id	INT	Yes	Bike id, auto increment
2			Bike_type	VARCHAR(45)	Yes	Type of the bike: standard, e-bike, …
3			imageURL	VARCHAR(45)	Yes	Path to bike image
4			battery	INT	Yes	Battery level of e-bike, -1 for standard bike

Rental

No	PK	FK	Column Name	Data Type	Mandatory	Description
1	x		Id	INT	Yes	Rental id, auto increment
2			rent_time	INT	Yes	Total rent time, in minutes
3			rent_type	VARCHAR(20)	Yes	Rent type
4		x	bike_id	INT	Yes	Bike id

Card

No	PK	FK	Column Name	Data Type	Mandatory	Description
1	x		id	INT	Yes	Card id, auto increment
2			Card_number	VARCHAR(16)	Yes	Card number
3			Owner	VARCHAR(45)	Yes	Cardholder's name
4			Cvv_code	VARCHAR(3)	Yes	Cvv code
5			Date_expired	VARCHAR(4)	Yes	Expiration date

Payment

No	PK	FK	Column Name	Data Type	Mandatory	Description
1	x		Id	INT	Yes	payment id, auto increment
2			Total_amount	INT	Yes	Total amount of money to make payment
3		x	rental_id	INT	Yes	rental id

Payment_transaction

No	PK	FK	Column Name	Data Type	Mandatory	Description
1	x		Id	INT	yes	Transaction id
2			made_at	DATETIME	yes	Date of creation
3			Content	VARCHAR(45)	yes	Transaction content
4			Method	VARCHAR(45)	yes	Transaction method
5		x	Card_id	INT	yes	Id of used card
6		x	payment_id	INT	yes	payment id

Bike_in_dock

No	PK	FK	Column Name	Data Type	Mandatory	Description
1		x	bike_id	INT	yes	Bike id
2		x	dock_id	INT	yes	Dock id