

Car :

Car-ID	Brand	KM	Year	price_class	Branch	status
0	BMW	0	2020	1	2	0
1	AUDI	10.000	2019	2	2	1
2	VW	5000	2021	3	1	1

Price Class :

ID	Per Day	class_name	Per KM	Security Deposit
1	100€	"luxury line"	0,3	5000€
2	50€	"business line"	0,3	1000€
3	20€	"economy line"	0,3	500€

Branch :

Branch-ID	address-id	Manager (Employee ID)	...
1	50	2	...
2	62	1	...
3	13	3	...

address :

address-ID	street	house	city	country	zip
13
50					
62					

Employee :

E-ID	name	DoB	address-id	salary	commission
1	John Stark	12.12.1959	...	10K€	5%
2	Harlin McGill	13.01.2007	...	10K€	5%
3	Bobby Sharma	21.09.1982	...	10K€	5%

Customer :

C-ID:	name	DoB	address-id	license
1	Baris Aris	B
2	Helmuth Lang	BE
3	Thomas Seifert	A

license :

class:	allowed KG
A	...			
BE	...			
B			

Transaction:

T-ID	Customer-ID	Commissioner	timestamp	rent-ID	payed?
1	1	1	12.01.19	1	0
2	2	2	19.08.20	2	1
3	3	3	06.04.20	3	0

Rent:

R-ID	KM_start	KM_return	Price-ID	days rented	KM-included	T-ID
1	1
2	2
3	3

redundant
b.c. of car?!

Rent: "A Car is rented and here is the transaction it was in ..."

Rent-ID	Car-ID	duration_rented	(KM_start)	KM-included	T-ID
1	1	5			1
2	2	2			2
3	3	10			3

Transaction:

T-ID	Customer	Employee	timestamp	payment received
1	1	1	12.01.'12	0
2	2	2	22.09.'19	1
3	3	3	30.03.'07	1

⇒ This means that many cars can be rented in one transaction