

EER-to Relation

CARS

<u>Vehical_ID</u>	Model	Year	is_available	car_type
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CAR_LIST

<u>car_type</u>	daily_rates	weekly_rates
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CUSTOMER

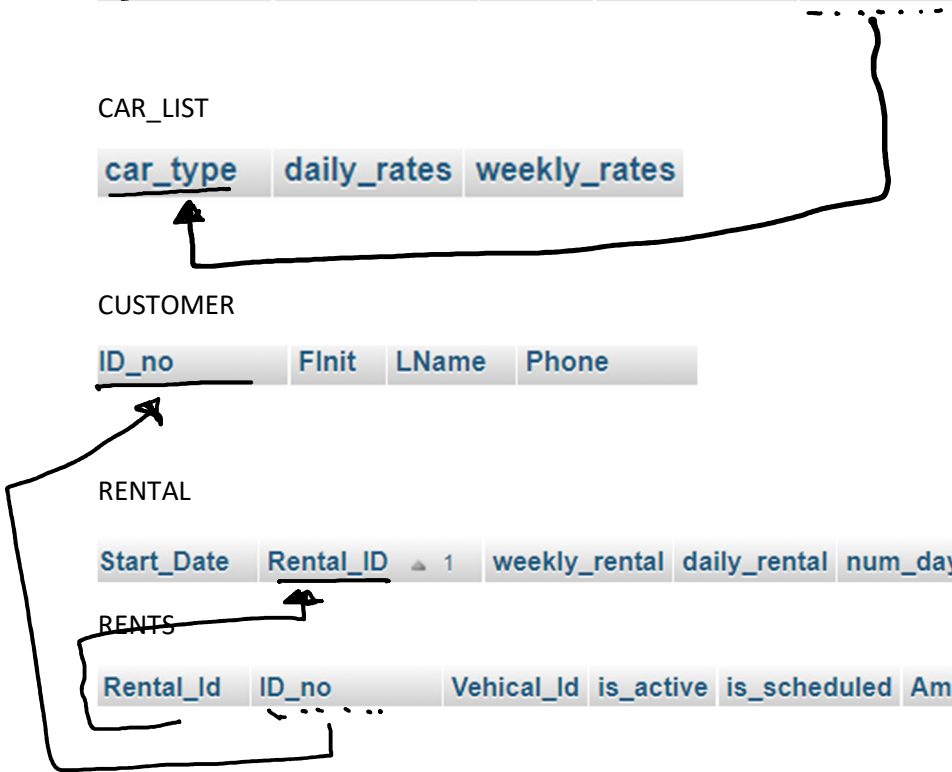
<u>ID_no</u>	Flnit	LName	Phone
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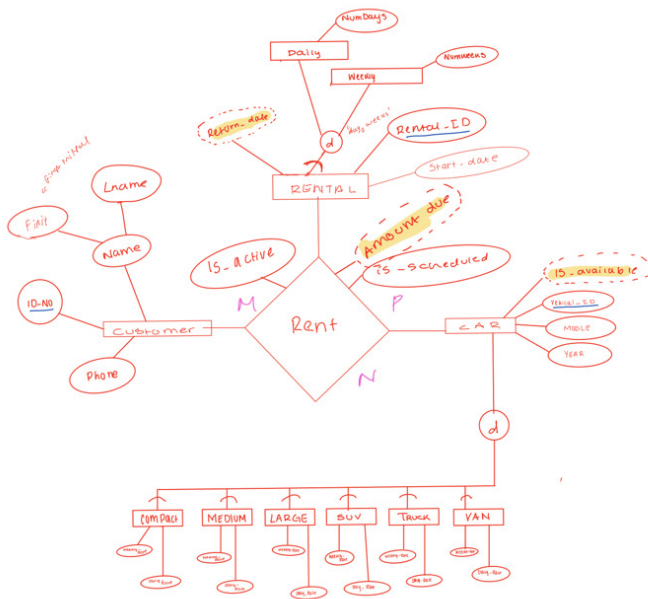
RENTAL

<u>Start_Date</u>	<u>Rental_ID</u>	1	weekly_rental	daily_rental	num_days	num_weeks	Return_Date
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RENTS

<u>Rental_Id</u>	<u>ID_no</u>	Vehical_Id	is_active	is_scheduled	Amount_due
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CREAT TABLE:

The create table is found in the file new 1.sql

-I had spoken to the teacher first about my ER diagram and had changed into something new that's why the relation schema is different from my Er diagram from previous submission instead the new one is more similar to this relational schema. I wanted to minimize the attributes in my relation by changing the er-diagram. To create the EER-to relation I had used some online sources help as well as chapter 9 of the class Notes.

Program Language:

For my program I have used python sql to implement what is required of me. Some assumptions were made to fit my program.

Assumption:

- The user is a perfect user
- User won't put in number or string outside of what is required
- When trying to get back to menu user would need to run program again

Through this program I have run into many errors the most common at the moment is #\erro found mysql.connector.errors.ProgrammingError: 1054 (42S22): Unknown column 'daily_rate' in 'field list' in line 360.

















































Although many errors have appeared in my program I believe my source code goes to show I have a base understanding of sql.

					Vehical_ID	Model	Year	is_available	car_type
<input type="checkbox"/>					10001	Camry	2006	1	Compact
<input type="checkbox"/>					10002	Dodge	2010	1	Large
<input type="checkbox"/>					10003	Ford	2011	1	Medium
<input type="checkbox"/>					10004	Lexus	2013	1	SUV
<input type="checkbox"/>					10005	Fiat	2015	1	Truck
<input type="checkbox"/>					10006	BMW	2020	1	Van
<input type="checkbox"/>					10007	Land Rover	2017	1	Compact
<input type="checkbox"/>					10008	Toyota	2021	1	Large
<input type="checkbox"/>					10009	Volvo	2016	1	Medium
<input type="checkbox"/>					10010	Bentlly	2017	1	SUV
<input type="checkbox"/>					10011	Audi	2018	1	Truck
<input type="checkbox"/>					10012	Volks Wagen	2020	1	Van
<input type="checkbox"/>					10013	Jeep	2021	1	Compact
<input type="checkbox"/>					10014	Subaru	2022	1	Large
<input type="checkbox"/>					10015	Jaguar	2009	1	Medium
<input type="checkbox"/>					10016	Mini	2006	1	SUV
<input type="checkbox"/>					10017	Lamborghini	2010	1	Truck
<input type="checkbox"/>					10018	Bugattie	2014	1	Van
<input type="checkbox"/>					10019	Ferrari	2013	1	Compact
<input type="checkbox"/>					10020	Mercede	2014	1	Large

					car_type	daily_rates	weekly_rates
<input type="checkbox"/>					Compact	55	300
<input type="checkbox"/>					Large	60	400
<input type="checkbox"/>					Medium	75	510
<input type="checkbox"/>					SUV	85	580
<input type="checkbox"/>					Truck	80	530
<input type="checkbox"/>					Van	90	600

					ID_no	Finit	LName	Phone
<input type="checkbox"/>					24	H	Kathy	650-969-7296
<input type="checkbox"/>					f3faa42b-ce54-	A	Tammy	650-323-8567
<input type="checkbox"/>					f3fab55f-ce54-	B	Bill	650-236-3345
<input type="checkbox"/>					f3fb0346-ce54-	B	Sue	650-221-3459
<input type="checkbox"/>					f3fb0b15-ce54-	B	Barbara	650-922-1235
<input type="checkbox"/>					f3fb0efa-ce54-	C	John	652-788-2979
<input type="checkbox"/>					f3fb157a-ce54-	C	Scott	650-335-9032
<input type="checkbox"/>					f3fb1b10-ce54-	C	Don	650-223-4502
<input type="checkbox"/>					f3fb1bfd-ce54-	D	Martin	650-223-4598
<input type="checkbox"/>					f3fb2459-ce54-	D	Jan	650-977-3883
<input type="checkbox"/>					f3fb26d3-ce54-	E	Kelly	655-875-0058
<input type="checkbox"/>					f3fb291a-ce54-	E	John	650-198-2433
<input type="checkbox"/>					f3fb2b6c-ce54-	G	Ruth	650-323-8911
<input type="checkbox"/>					f3fb3002-ce54-	H	Marco	650-723-8901
<input type="checkbox"/>					f3fb33df-ce54-	K	Sandra	650-256-8119
<input type="checkbox"/>					f3fb3658-ce54-	H	Kathy	650-969-7296

						Start_Date	Rental_ID	weekly_rental	daily_rental	num_days	num_weeks	Return_Date
<input type="checkbox"/>						2023-08-01	238973961	0	1	10	0	2023-08-11
<input type="checkbox"/>						2022-08-01	461576375	1	0	0	10	2022-10-10
<input type="checkbox"/>						2023-01-01	470263848	0	1	3	0	2023-01-04
<input type="checkbox"/>						2022-06-22	A1225	1	0	0	1	2022-06-29
<input type="checkbox"/>						2022-07-06	A1236	0	1	5	0	2022-07-11
<input type="checkbox"/>						2022-09-01	A1247	1	0	0	3	2022-09-22
<input type="checkbox"/>						2022-08-01	A1322	0	1	10	0	2022-08-11
<input type="checkbox"/>						2022-10-23	A1333	1	0	0	2	2022-11-06
<input type="checkbox"/>						2022-05-07	A1340	0	1	3	0	2022-05-10
<input type="checkbox"/>						2022-08-14	A1344	0	1	1	0	2022-08-15
<input type="checkbox"/>						2022-06-01	A1373	1	0	0	2	2022-06-15
<input type="checkbox"/>						2022-07-12	A1458	0	1	1	0	2022-07-13
<input type="checkbox"/>						2022-10-01	A1469	1	0	0	1	2022-10-08
<input type="checkbox"/>						2022-07-14	A1470	0	1	9	0	2022-07-23
<input type="checkbox"/>						2022-10-09	A1481	1	0	0	1	2022-10-16
<input type="checkbox"/>						2022-05-20	A1562	0	1	4	0	2022-05-24
<input type="checkbox"/>						2022-05-11	A1651	1	0	0	1	2022-05-18
<input type="checkbox"/>						2022-06-17	A1994	0	1	1	0	2022-06-18

			Rental_Id	ID_no	Vehicle_Id	is_active	is_scheduled	Amount_due	
<input type="checkbox"/>	 Edit	 Copy	 Delete	A1340	f3faa42b-ce54-	10001	0	0	\$20.00
<input type="checkbox"/>	 Edit	 Copy	 Delete	A1651	f3fab55f-ce54-	10002	0	0	\$30.00
<input type="checkbox"/>	 Edit	 Copy	 Delete	A1562	f3fb0346-ce54-	10003	0	0	\$40.00
<input type="checkbox"/>	 Edit	 Copy	 Delete	A1373	f3fb0b15-ce54-	10004	0	0	\$50.00
<input type="checkbox"/>	 Edit	 Copy	 Delete	A1994	f3fb0efa-ce54-	10005	0	0	\$60.00
<input type="checkbox"/>	 Edit	 Copy	 Delete	A1225	f3fb157a-ce54-	10006	0	0	\$70.00
<input type="checkbox"/>	 Edit	 Copy	 Delete	A1236	f3fb1b10-ce54-	10007	0	0	\$80.00
<input type="checkbox"/>	 Edit	 Copy	 Delete	A1247	f3fb1fbd-ce54-	10008	0	0	\$90.00
<input type="checkbox"/>	 Edit	 Copy	 Delete	A1458	f3fb2459-ce54-	10009	0	0	\$100.00
<input type="checkbox"/>	 Edit	 Copy	 Delete	A1469	f3fb26d3-ce54-	10010	0	0	\$110.00
<input type="checkbox"/>	 Edit	 Copy	 Delete	A1470	f3fb291a-ce54-	10011	0	0	\$120.00
<input type="checkbox"/>	 Edit	 Copy	 Delete	A1481	f3fb2b6c-ce54-	10012	0	0	\$130.00
<input type="checkbox"/>	 Edit	 Copy	 Delete	A1322	f3fb3002-ce54-	10013	0	0	\$140.00
<input type="checkbox"/>	 Edit	 Copy	 Delete	A1333	f3fb33df-ce54-	10014	0	0	\$150.00
<input type="checkbox"/>	 Edit	 Copy	 Delete	A1344	f3fb3658-ce54-	10015	0	0	\$160.00
<input type="checkbox"/>	 Edit	 Copy	 Delete	238973961	f3fb3658-ce54-	10016	0	0	\$200.00