

Some users have a credit card number.  
 we can get the credit card # of a user by  
Select card-number from has natural join User;  
 then, this card-number can be used to get other details  
 from the Card table  
Select \* from Card where card-number =;



Card (ID, card-number, cvc2, expr-date)

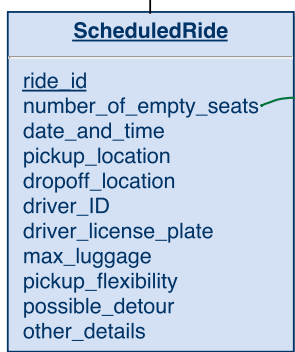
How can a user view his current reservations?



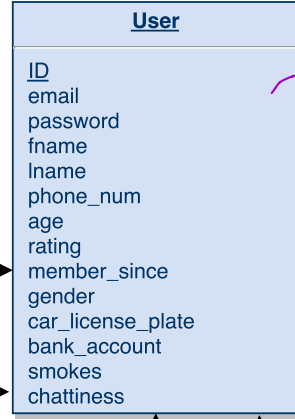
ADD THIS TABLE!

Select ride-id  
 from Reservations  
 where user-id = my-id...

creates



decrease this number on every reservation made by a passenger

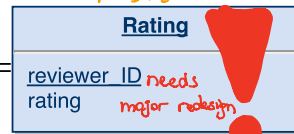


introduce specialization  
 split into  
 passenger driver  
 Some users could be both of them!

ratings are per ride. a user can give one rating to the same driver for every new ride. So, we have to use a combination of ride-id & user-id

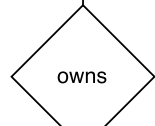
ride-id	driver-id	passenger-id	rating
482	4	7	8
482	7	4	5
487	4	7	4

all three should be the primary key.

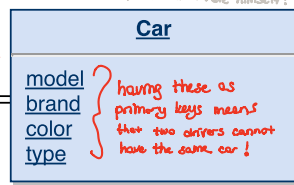


reviewer ID needs major redesign

tested & confirmed to be working  
 create table RATING (  
 ride-id int(24),  
 reviewer-id int(24),  
 reviewed-id int(24),  
 rating int(11),  
 PRIMARY KEY (ride-id, reviewer-id, reviewed-id);  
 -> could create a constraint where reviewer-id cannot be the SAME!  
 a user can't rate himself!



double-line means that every user has a car!  
 make this a single line



having these as primary keys means that two drivers cannot have the same car!

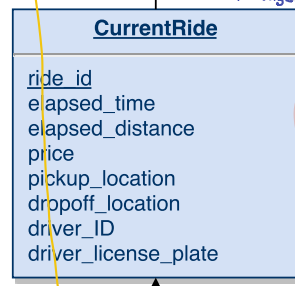


what if we moved this to here?

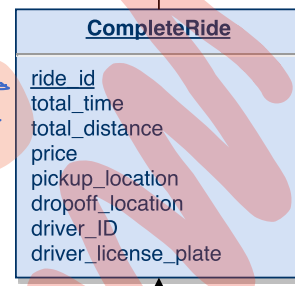
Sketchy solution:  
 get ongoing rides;  
 Select ride-id from Rides where isComplete = false;  
 Select \* from RidePassenger;  
 natural join these two;  
 to get the id of the passenger!

probably the worst way to do it. But seems to work at least...

views



duplicates  
 should find a better way!



merge the tables and add a flag.

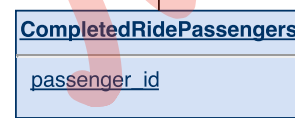
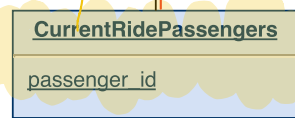
Ride  
 ride-id  
 total-time  
 total-distance  
 price  
 pickup-location  
 dropoff-location  
 driver-ID  
 driver-license-plate

is Complete -> change this to True once the Ride is complete



both of them needs to be the primary key

could be a double-line.



(11-12).05.2017