**Project description**

Taxi-R-Us need help to design the architecture for a database that will store business transactions for their taxi company. The company has contract employees that drive taxis for them, and they need to keep up with all of these employees. More specifically they care about their employee names, mailing addresses, phone numbers. There is also an annual certification that each driver needs to complete to be certified to drive for them. To be certified a driver takes a test each year, and if they pass they are good to drive for the next 365 days starting from the passed test date. If they fail, they can retake the test every week until they give up or pass. Taxi-R-Us doesn't need to keep historical records of these certifications in their database, but they need to know whether or not a driver is currently qualified or not.

Taxi-R-Us maintains a fleet of 100 vehicles. Each time a driver works a shift they check-out one of those vehicles (it varies day to day). The company would like to keep track of who is driving which vehicle each shift.

The basic business is the driver picks up customer(s) and takes them from point A to point B. The company needs to keep track of details about each ride. Customers only pay cash, so there is no need to record customer names or payment details. However, the company does want to know information about where the driver went for each ride, how long it took them to get there (length of mileage and time), when this occurred (time and date), and which vehicle the customer was riding in. Also, the driver must record how much payment they took in for the ride. The driver does not have to record any tips, as these go directly into their pocket.