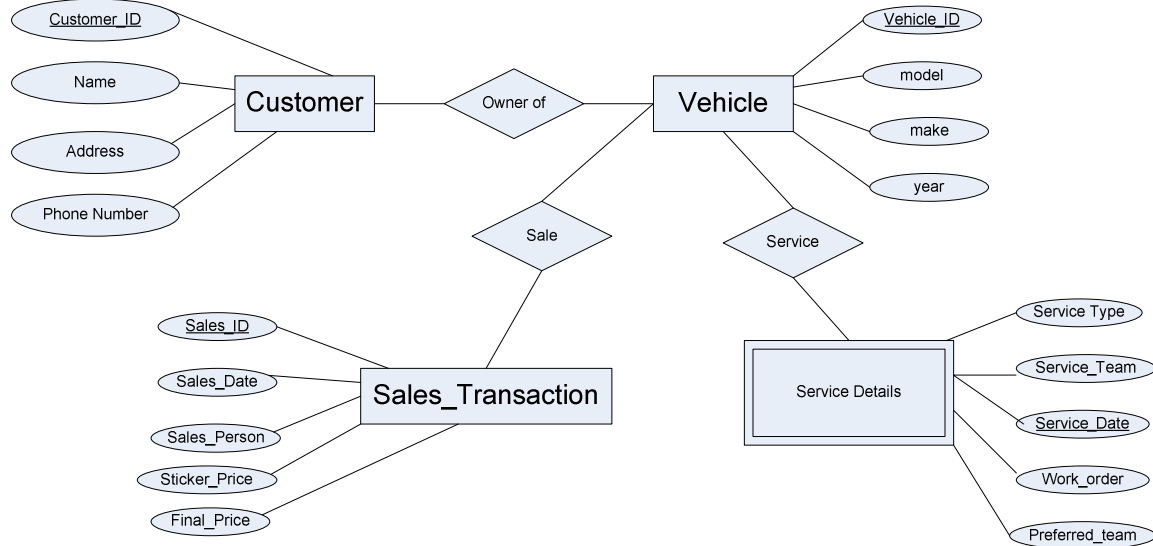


### Car Dealership ERD (abridged design)



List of Tables (only the primary key attribute is shown; fill in the rest with the help of the ERD):

1. Customer (C-id, ..) { stores customer info }
2. Vehicle (V-id, ....) ( stores vehicle info – notice that this table contains all vehicles sold at the dealership, sold and brought for service, brought for service only. For example, to see if a vehicle brought for service is also bought at the dealership, you check for existence of that vehicle's V-id in the Sales\_Transaction table )
3. Sales\_Transaction (Sales-id, V-id, ...) { stores info on sales transaction of all vehicles sold at the dealership. This is a one (or 0) to one relationship from Vehicle to Sales\_Transaction. Because all vehicles in the Vehicle table are not sold at the dealership; some of them are brought for service only. All V-ids appearing in this table are a subset of what appears in the Vehicle table }
4. Owner-of(C-id, V-id) { stores info on who the owners of a vehicle are }
5. Service-Details(V-id, Service-Date, ..) { stores service info for vehicles – weak entity set because each vehicle will have multiple services }

What you need to do for homework 3:

1. All students must deliver an independent homework. You may consult your groupmates for system related help.
  2. Create any two tables from this ERD using SQL and the OIT Oracle server.
  3. Insert 5 tuples into each table.
  4. Execute two SQL queries on the tables you create.
  5. Capture screen content using the Spool command and submit it to the TA via email or hardcopy.
- Use the Oracle Starter and Oracle at UMBC page to get you started on this homework.
  - You may expand on this design for your project, if you are not sure of your own design from Phase 1.

