**Friendly Cars Dealership List of Assumptions**

1. A customer can be an individual, a business, an organization, a group, or other such entity.  
 2. The names of customers and salespeople are not unique.  
 3. The same customer may purchase several cars, possibly from different salespeople.  
 4. A customer can list one ad as having been responsible for a visit to the showroom.  
 5. A customer can be referred to by another customer.  
 6. Some customers, such as non-profit organizations, are tax exempt, so no tax is charged on their car purchases.  
 7. All addresses consist of street, city, state, and zip code.  
 8. All telephone numbers consist of area code and number.  
 9. The used cars for sale in the dealership are those that are traded in by customers buying new cars.  
 10. When a car is sold, it may or may not be financed.  
 11. Options are features that a new car has when it is delivered from the manufacturer, such as sunroof, air conditioning, and so on. A car may have several optional features.  
 12. The cost of options is included in the manufacturer’s list price.  
 13. Customization refers to items that are added at the dealership at the time of sale, such as an alarm system, undercoating, and so on. A car may be given several custom items.  
 14. Each custom item has an associated price.  
 15. The book value of a used car is determined by a standard publication such as the Kelley Blue Book, available to the dealership. The actual cost may differ from the book value.  
 16. When a trade-in vehicle is accepted, its VIN is immediately entered into the inventory of used cars. Other information about the car is entered later.  
 17. We are assuming that the dealer can obtain, and issue registration numbers and license plates as needed. (We note that this process may be more complex in real life.)  
 18. The exact mileage at the time of sale must be recorded on the bill of sale, for both new and used cars.  
 19. Each type of warrantee has an associated period and cost.