

### Assumptions on my ER diagram

1. Each model ID matches with each different vehicle type, which also different in emission standards.
2. Vehicle history data linked with the model type, which is accessible by both the factory and government
3. Safety Sign color and type are matched with each other to avoid misplacement.
4. All advertisement types must obey the emission law on display the vehicle model details
5. All safety standards have three types: fail to meet the requirement, pass to meet the requirement and exceed the requirement.
6. All model emission data must have a start date, yet the newest data could have no end date.