

Draw an ER diagram to model what is described below. Represent the situation as accurately as possible, including participation, cardinality, and key constraints as appropriate. Separately identify any attributes which are required (i.e. should be NOT NULL) and note any other constraints present that you did not capture in the diagram along with a reason why they were omitted. If necessary specifics are lacking in the description of the situation, make reasonable assumptions and state those assumptions.

- An insurance company keeps track of the following information about insured cars: make, model, year, primary color(s), VIN, and registration (state and number). The VIN uniquely identifies a particular car. The registration is also unique, though it can be transferred from one car to another.
- Each policy has a unique number and is associated with exactly one car. Each policy must have a primary policy holder (and there can be only one) but there can be any number of additional people covered by the policy.
- For anyone covered by a policy (primary policy holder or not), name (first and last), address, year of birth, sex, age, and marital status (single or married) is needed.
- A phone number can be recorded but isn't required.

