

Guitar Scenario

A Guitar manufacturer wants to keep track of all the Guitars it makes. Each Guitar has an ID, a completion date and the date that it is available for sale. There are different models of Guitar made which have a model number and name. In addition, the company wants to maintain information about the designer of the Guitar model. Over time, the company often manufactures thousands of Guitars of a certain model, and the model designer is specified before any single Guitar exists. The designer is assigned an ID and their name and way of contact is recorded. A Guitar manufacturer employs Guitar technicians who are responsible for inspecting the instruments before they are shipped to the customers. Customer details recorded include customer ID, name and address. Guitar is inspected by at least two technicians (identified by their employee number). For each separate inspection, the company needs to record its date and a quality evaluation grade.

Develop an ERD for the above with the below:

Correct entities with:

- a) Attributes for each entity
- b) Both Primary and Foreign key(s)

Correct relationships between entities using Crows-Feet notation