

You work in the field of toy manufacturing and international product distribution. Your company is involved in the domain of design, production, marketing, and worldwide distribution of spinning battle toys under the Beyblade brand. It is a multinational toy manufacturing company such as Hasbro, Mattel, or Bandai. The company designs Beyblade products (tops, launchers, stadiums, accessories), organizes their production, and distributes them globally through various distributors and retailers.

The company collects information related to product generations, individual Beyblade models, interchangeable parts, product categories, distributors, countries of operation, retail partners, distribution contracts, product pricing, stock quantities, warehouse locations, and international release schedules.

Take inspiration from the following websites and references:

<https://www.hasbro.com>

<https://beyblade.hasbro.com>

<https://en.wikipedia.org/wiki/Beyblade>

<https://corporate.hasbro.com>

Your company wants to apply MERISE to design an information system. You are responsible for the analysis part, i.e., gathering the company's requirements. It has called on a computer engineering student to carry out this project, and you must provide him with the necessary information so that he can then apply the following steps of database design and development himself.

First, establish the data business rules for your company in the form of a bulleted list. It must correspond to the information provided by someone who knows how the company works, but not how an information system is built.

Next, based on these rules, provide a raw data dictionary with the following columns, grouped in a table: meaning of the data, type, size in number of characters or digits. There should be between 25 and 35 data items. It is used to provide additional information about each data item (size and type) but without any assumptions about how the data will be modeled later.

Provide the business rules and the data dictionary.