A database contains information about companies, departments, and employees.

A company is described by a name, country where it is located, stock exchange ticker symbol, and budget. A company has a unique name within a country, however it is possible that two companies located in different countries have the same name. A stock exchange ticker symbol uniquely identifies each company.

There are two types of companies: transportation companies described by the total vehicles owned and manufacturing companies described by the total machines owned.

Each company consists of one or more departments. A department belongs to one company and it is described by a budget.

Employees work for the departments. A department has many employees and an employee work for only one department. An employee is described by a unique employee number, unique social security number, optional date of birth, salary and one or more skills possessed.