

# Noun-verb analysis (department store)

- This database is the central component of an information system used to manage a department store that specialises in camping and hiking equipment. The store has several departments. For each department we must record its name and unique department id, phone number, and which floor it is on. Each department has several employees working for it. Each department has a manager. A manager can manage one or more departments.
- About each employee we record their first name, last name, their date of birth, a unique employee id, their annual salary, which department they work for and which other employee is their boss. The General Manager of the Department Store has no boss.
- The items that the store sells each have a name and id, a type, a colour and the retail price. Whenever a department sells items to customers we record which item was sold, how many were sold, which department sold it. Each sale may contain one or more items: we must record the quantity of each item in the sale. Each sale is made by one department within the store.
- Items are delivered to the store by suppliers. Each delivery from a supplier contains one or more items delivered to one or more departments within the store. We record which supplier made the delivery and to which department, and the wholesale price of each item. For each supplier we record a unique supplier id, name and contact phone number.