



Description of Use Case "Sewing Pattern Library"

The Database System is designed to manage a collection of sewing patterns.

Each pattern is identified by a unique id. It has a name (which is not unique), an author and a level of difficulty. Furthermore, each pattern consists of a number of pieces and has a source (e.g. a certain book or magazine).

The patterns are categorized: each belongs to one category. Categories are structured hierarchical, so one category can be the parent of another category. Each category can have only one parent, but multiple children. Categories are identified by a number and have a name.

Most patterns are available for many sizes (either children's or adults'), but some are only single-size patterns or don't have a size (like accessories). The available sizes and the information on whether it refers to a child or a grown person should be stored.

Patterns can be included in magazines or books, or they can be in a digital file (ebook). There can only be one source for a pattern. We want to store information about the type/format, the source's name and author and its language, as well as a reference number, which could be either a book ISBN or a magazine issue number or something else. The author is only the person/company who publishes the book or magazine, whereas the creator of a pattern is the designer. We want to store information about that person, such as her first name family name, a webaddress and a shortname, which is the person's unique identifier.