1. Superclass = books

Fields = title, author, publish date

Methods = check out book

1. Subclasses =

physical books

Fiction -

children’s, mystery, science fiction, realistic fiction, etc.

Nonfiction -

biography, autobiography, etc.

E-books

Fiction -

children’s, mystery, science fiction, realistic fiction, etc.

Nonfiction -

biography, autobiography, etc.

1. To decide the hierarchy, I first thought of the big picture. Library provides books for people. Then, I thought of the types and genres of books to determine the subclasses.