Exercise: specification of a bibliography data structure

A bibliography is a collection of bibliography items. Each item has one or more authors, one title and optionally a subtitle. Each item can be a book or an article. Each book also has an ISBN, which uniquely identifies it, a publisher, and a publication year. An article is published in a particular issue of a journal. Each journal has a name, a publisher, and an ISSN, which uniquely identifies it. Each issue of a journal is characterized by a year and a number. Each item can be cited by other items and can cite other items.

Design an XML application that can be used to represent a bibliography and specify it by means of an XML schema.