

Assignment 5 – INLS 623

Design an XML Schema file to validate documents about books contain the following information. Each XML document must contain information about the book, including the author and publisher information. Create 3 XML documents, and validate them against your Schema. The first should validate completely successfully. The second and third XML document should contain intentional errors, to show that your XML Schema file correctly detects them. You should include an explanation of what the intentional errors where (and where they were in your XML file). Turn in your Schema file, 3 XML documents, and copies of their successful (first) and unsuccessful (second and third) validations.

Successfully completing this will earn you 92 of 100 points. To get more than 92 you will need to enhance the example to include things like max/min inclusive values, length of data types, restrictions/extensions and use of keys.

Author:

Name: Contains EITHER first, middle, last name OR one single name.

Telephone number: must be in one of two formats (DDD)DDD-DDDD or DDD-DDDD.

Address: street, city, state, zipcode

Book:

ISBN: 9 digits followed by X or another digit

Title: text field

Author(s): zero, one or more authors

Publishers: from publisher table

Keywords: zero, one or more keywords describing the book

Publishers:

Publisher name: has to be one of fixed list: Wiley, Prentice-Hall, McGraw-Hill,

Addison-Wesley, O-Reilly

Address: street, city, state, zipcode

Phone: must be in one of two formats (DDD)DDD-DDDD or DDD-DDDD.

Country: