

# Project-task 2 - XML document plus XML Schema

## XML document plus XML Schema

XML document (from project-task 1) with description of its content in the form of schema definition document (XML Schema). Pay particular attention to the fact that XML Schema allows you to describe the XML document more accurately than it is in the case of DTD.

Przed przystąpieniem do odpowiedzi należy upewnić się, że dokument spełnia poniższe wymagania:

- przechodzi poprawnie proces walidacji w wybranym narzędziu do edycji XML oraz w

When you will build XML Schema, pay attention to:

- namespace declarations (standard and your own) - **there is no way to get a maximum mark without namespace using!**
- exact type determination (built-in: fixed- and floating-point numbers, dates, currencies, etc.)
- application of restrictions (e.g. length of subtitles, ranges of numbers), patterns (xsd:pattern)
- the ability to define custom data types  
(xsd:simpleType, xsd:complexType, xsd:enumeration, xsd:choice, xsd:sequence)
- specification of optional and required elements
- specification of attributes for elements (xsd:attribute, xsd:attributeGroup)
- specifying a group of elements (xsd:group)
- **placing links to different places in the document, using keys and selectors**  
(xsd:key, xsd:keyref)

Before you respond, make sure that the document meets the following requirements:

- passes correctly the validation process in the selected XML editing tool and in the [W3C validation service](#)

Replies to tasks should be placed **in the right place.**