

Assignment 8 - Build XML Structure

XML script:

XML script has been attached below:



Link to validate above XML: <https://www.xmlvalidation.com/>

Screenshots of view of the tree from browsers of XML visualization tools:

Data Source: User Input *Well-Formed XML* ✓

◀ Furniture

◀ Room (5)

	@ nameID	▼ length	▼ width
▼	Sapphire	20	40
▼	Quartz	40	60
▼	Emerald	50	30
▼	Ruby	70	30
▼	Jade	50	60

◀ Manufacturer (5)

	@ manufacturerID	▼ name	▼ contact
▼	id101	IKEA	(800) 434-4532
▼	id102	Steelcase	(300) 494-2535
▼	id103	TJX	(100) 454-8535
▼	id104	NAU	(100) 464-9535
▼	id105	Jardan	(100) 354-7535

◀ Furnishing (7)

	@ furnishingID	@ nameID	@ manufacturerID	▼ type
▼	id201	Sapphire	id101	Kitchen
▼	id202	Quartz	id102	Sofas
▼	id203	Sapphire	id103	Chairs
▼	id204	Sapphire	id101	Tables
▼	id205	Ruby	id102	Curtains
▼	id206	Jade	id104	Bedding
▼	id207	Ruby	id105	Chairs



Sample content demonstrates XML & DTD:

- One to many relationship between ‘Room’ and ‘Furnishing’ is shown: room ‘***Sapphire***’ has multiple furnishing ID’s associated with it.
- One to many relationship between ‘Manufacturer’ and ‘Furnishing’ is shown: manufacturer ‘***id101***’ has multiple furnishing ID’s associated with it.
- Room ‘***Emerald***’ has no furnishing ID associated with it (1 to **0..***), i.e. the case where a room is not associated with a furnishing is depicted (zero case).