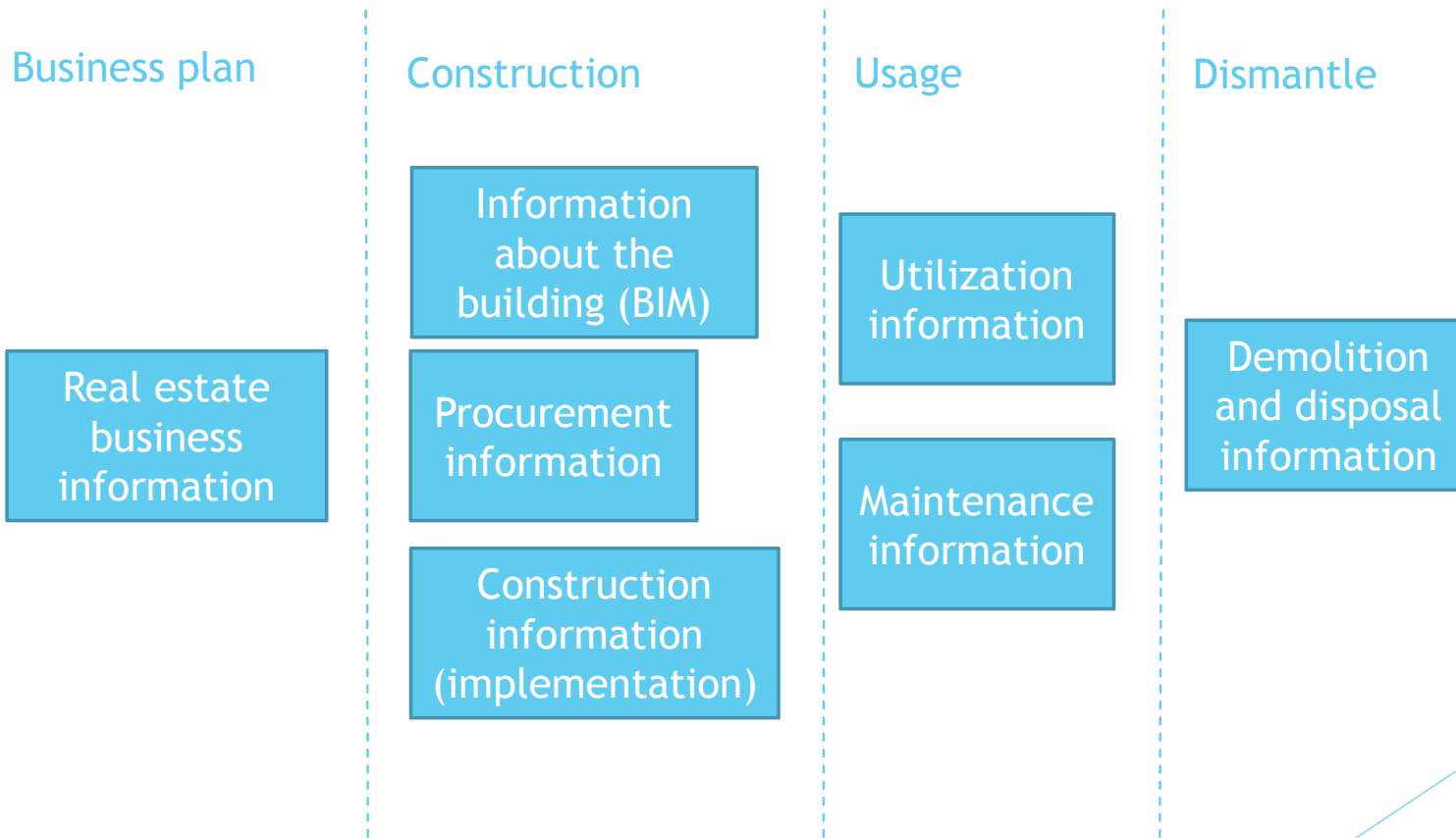




BIM and classification of electrical systems

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Grouping of information in construction project



1st QUESTION

Is this right and useful way of grouping information about the building in different stages of the building's lifecycle?



Specifications

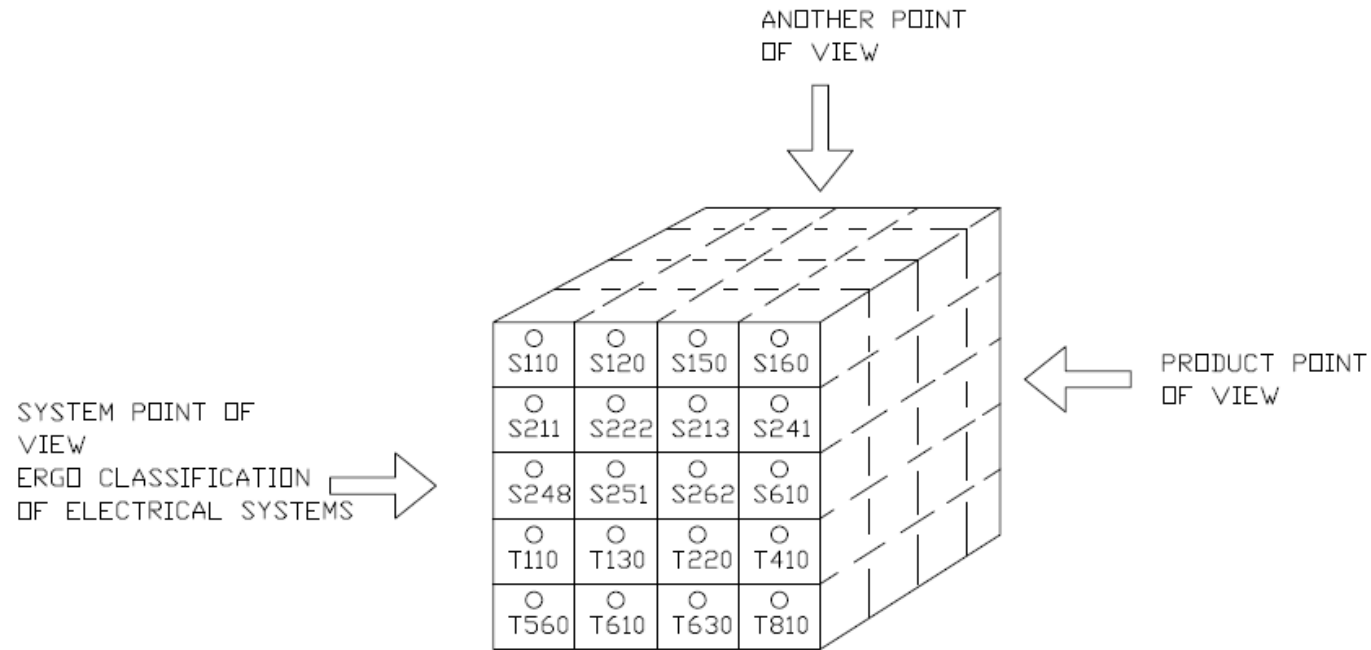
Determiner	Name of the specification	Example
Property owner	Building specification; Business plan	Kindergarten, 100 persons, kitchen
Designer	System specification 1; Business point of view	Antenna system in group rooms and hall for listening and watching radio and TV programs.
Designer	System specification 2; Technical view	Programs from aerial antenna, frequencies of radio: 80-110 MHz and TV 200-2000 MHz
Designer	Product specification 1; Generic	Socket outlet for antenna, 1 radio and one TV plug. 1 dB attenuation. Compatible with other wiring accessories
Contractor	Product specification 2; Final	Antenna socket Lars 02, with compatible outlet to ABB Impressivo wiring accessories

2nd QUESTION

Is this right way of understanding the building's specifications?



Classification of electrical systems



BUILDING INFORMATION MODEL IS MULTIDIMENSIONAL DRAWER WHERE INFORMATION CONCERNING THE BUILDING IS STORED. CLASSIFICATION IS A DIRECTORY FOR THE BUILDING INFORMATION MODEL.

- ▶ Classification of electrical systems S2010 is made from the system's point of view.
- ▶ System is a technical assembly (or a part of it) which provides a particular service for the building's owner or user.
- ▶ It is possible to determine a price for the system and it can be included in the building using normal revenue/profit analysis.
- ▶ Classification of electrical systems S2010 includes all electrical systems in the building.
- ▶ Classification makes it possible to create temporary systems for one project using the basic principles of classification.



3rd QUESTION

Is this a good way of classifying electrical systems in the building project when the standpoint is functional, service providing system aggregates?

