Questions for material assessment

# Introduction

Attribute representation serves as the basis for recommendation system. Recommender sees the materials just as collection of their attributes; it is important for the attribute description to be accurate and comprehensive.

Attribute description is based on ISO 40500:2012 standard.

# Perception

Text alternatives: how much non-text content has text alternatives:

* AAA: all non-text content has text alternatives
* AA: majority of non-text content has text alternatives
* A: some non-text content has text alternatives
* Non-compliant: no text alternatives are provided

Time-based media: now much of time based media has alternatives:

* AAA: all non-text content has text alternatives
* AA: majority of non-text content has text alternatives
* A: some non-text content has text alternatives
* Non-compliant: no text alternatives are provided

Adaptability: is content presented in a simplified way that is compatible with a screen reader:

* AAA: all content is presented in a simplified way
* AA: majority of content is presented in a simplified way
* A: only a small fraction of content is presented in a simplified way
* Non-compliant: no content is presented in a simplified way

Distinguishability: is viewing of web content simplified for the user:

* AAA: foreground and background color can be modified
* AA: Sound management mechanism is separated from system for web site navigation
* A: colors do not carry information
* Non-compliant: content is nod made easily distinguishable for the user

# Operability

Keyboard accessibility: is the web content accessible with the keyboard:

* AAA: the whole web site is accessible with the keyboard
* AA: most of the web site is accessible with the keyboard
* A: main parts of web site are accessible with the keyboard
* Non-compliant: web content is completely inaccessible with the keyboard

Time limitation for interacting with the web content: is interaction with the web site time limited:

* AAA: web site contains no time limited content
* AA: user has the possibility to set speed of time limited content for all time limited content
* A: user has the possibility to set speed for most of time limited content
* Non-compliant: web content requires a lot of time-limited interaction

Navigation: does the website support easy navigation:

* AAA: purpose and location (inside the same web site/outside) is clear from the name of the link
* AA: web content supports different ways to navigate to it
* A: navigation sequence between web contents is logical and intuitive
* Non-compliant: navigation on the web content is difficult and unintuitive

# Understandability

Readability: is the content readable and understandable:

* AAA: the content has support for different levels of reading (simplified versions of content are available)
* AA: All parts of web content (if applicable) have marked the language in which they are written
* A: It is marked in which language the web site is written
* Non-compliant: web content is written in different languages and is written in difficult to understand style

Predictability: are web sites organized in a logical and predictable way:

* AAA: Bigger changes to the user interface that happen automatically can be disabled
* AA: Navigation of the website is consistent across all parts of the website
* A: Changes to the user interface do not happen automatically
* Non-compliant: interaction of web site with the user is inherently unpredictable

Help with input: Web site automatically detects and corrects input mistakes from the user:

* AAA: Web site provides context aware help with instructions and recommendations for input
* AA: In case the user makes an input mistake web site automatically suggests corrections
* A: Web site automatically detects input mistake
* Non-compliant: there is no help with user input