UBLIS571%LearningBlog06

**Week 6. Part 4. The nature, design, and management of documents and records**

**Learning notes and questions Week 6**

You may find helpful to keep a learning blog/diary in which you enter for each week:

1 What have I learned, what was most important, what was most interesting, what was extraneous; what helps me in my (future) work? How?

2 How does a course idea support better service to users, directly or indirectly?

3 How does a course idea relate to other ideas in this course and/or to other courses?

4 Comments on readings – what did it contribute, how hard was it, ...

5 What did I not understand? How does my not understanding this affect my (future) work? **What questions do I have?**

6 Course critique and suggestions;

Want to share with the class? Copy and paste to the discussion board for Week 6

**Any topic**

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**L 6.1a** **Doc. functions & design f. people. Knowledge (re)presentation in text, images, & multimedia**

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**L 6.1b** **Formatting Document macrostructure and inter-document relationships**

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**L 6.2a Formatting documents for interpretation by computer programs. Doc. markup languages**

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**L 6.2b** **Document analysis for retrieval and information extraction**

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| **Objective #** | **Learning Objectives Check Week 6** | **0** | **1** | **2** | **3** | **4** |
| --- | --- | --- | --- | --- | --- | --- |
| L6-**1** | **I understand the importance of knowledge of document functions and document types for providing good and appropriate information service to users.** (P2.2.2,2.1)  Questions / comments: |  |  |  |  |  |
| L6-**1.1** | **I understand the functions of documents and be able to discern which function a user requires.** (P2.2.2,2.1.1)  Questions / comments: |  |  |  |  |  |
| L6-**1.2** | **I am aware of the different types of text and the communication purposes they serve.** (P2.2.2,2.1.2**)**  Questions / comments: |  |  |  |  |  |
| L6-**2** | **I understand principles of and gain a feel for good document design – document structure and presentation** where the internal logical/conceptual structure drives the external form / is conveyed well through the external form. **I understand the importance of good document design** for the efficient transmission of information, both for human understanding and for machine processing. (Lectures 1.1-2.2 and 4.2 are also relevant) (all, foundation in L6.1a) . (P2.2.2,2.2)  Questions / comments: |  |  |  |  |  |
| L6-**3** | **I am able to apply understanding of information structure and principles of document design and text structure to the analysis, critique, assessment and evaluation of information and its design in all forms.** (P2.2.2,2.3)  Questions / comments: |  |  |  |  |  |
| L6-**3.1** | **I am able to assess quality and usability of documents for collection development.**  Questions / comments: |  |  |  |  |  |
| L6-**3.2** | **I am able to match documents to user characteristics and needs.**  Questions / comments: |  |  |  |  |  |
| L6-**4** | **I am able to create good design for new documents.**  **(all, foundation in L6.1a) Includes 6.3 (P2.3.1,4)**  Questions / comments: |  |  |  |  |  |
| L6-**5** | **I understand specific issues in document structure and am able to apply this understanding to document analysis and design, including text processing techniques. (**P2.3.1,5)  Questions / comments: |  |  |  |  |  |
| L6-**5.1** | **I understand the importance and usefulness of document templates that codify document structure.** (P2.3.1,5.1)  Questions / comments: |  |  |  |  |  |
| L6-**5.2** | **I understand document type / document template systems with hierarchy and hierarchical inheritance.** (P2.3.1,5.2)  Questions / comments: |  |  |  |  |  |
| L6-**5.3** | **I am able to design a document template or template system at the conceptual level so it can be implemented by the IT department.** (P2.3.1,5.3)  Questions / comments: |  |  |  |  |  |
| L6-**5.4** | **I understand the principles of markup languages (HTML, specialized markup languages defined using XML) and markup / template definition languages (XML) and their importance for the implementation of good document design.** (P2.3.1,5.4)  Questions / comments: |  |  |  |  |  |
| L6-**5.4.1** | **I understand the "levels" of markup physical, formal logical and content logical.**  Questions / comments: |  |  |  |  |  |
| L6-**5.4.2** | **I understand the significance of XML**  Questions / comments: |  |  |  |  |  |
| L6-**5.4.3** | **I have a general idea how document templates can be defined using XML.**  Questions / comments: |  |  |  |  |  |
| L6-**5.5** | **I understand information reuse and repurposing: a single properly structured internal document can, through transformation, give rise to many external and internal representations of all or selected content.** (P2.3.1,5.5)  Questions / comments: |  |  |  |  |  |
| L6-**5.6** | **I am able to recognize a situation where information reuse and repurposing would be useful and suggest a solution in general terms so it can be implemented by the IT department.** (P2.3.1,5.6)  Questions / comments: |  |  |  |  |  |
| L6-**5.7** | **I understand the importance of noun phrases as carriers of meaning in English. I am able to give examples.** (P2.3.1,5.7)  Questions / comments: |  |  |  |  |  |
| L6-**5.9** | **I understand text coherence and cohesion and their role in text understanding by people and by computer programs.** (P2.3.1,5.9)  Questions / comments: |  |  |  |  |  |
| L6-**5.9.1** | **I understand how the idea of structuring information in frames or in a semantic network applies to discerning the structure of text.** (P2.3.1,5.9.1)  Questions / comments: |  |  |  |  |  |
| L6-**5.9.2** | **I understand the problems of anaphoric reference and co-reference and their impact on information retrieval, esp. proximity searching, and information extraction. Understand why resolving anaphoric references is important for extracting assertions from text.** (P2.3.1,5.9.2)  Comment: |  |  |  |  |  |
| L6-**5.10** | **I understand patterns used in text to represent relationships and how such patterns can be used for information extraction. (P2.3.1,5.10)**  Questions / comments: |  |  |  |  |  |
| L6-**5.11** | **I understand information extraction into frames.** (P2.3.1,5.11)  Questions / comments: |  |  |  |  |  |
| L6-**6** | **I have a general understanding of prevalent document analysis methods and their uses.**  Questions / comments: |  |  |  |  |  |
| L6-**6.1** | **I am aware of the many useful applications of document analysis in dealing with vast quantities of text, including automatic indexing for information retrieval, automatic abstracting and summarization, information extraction, and automated translation**  Questions / comments: |  |  |  |  |  |
| L6-**6.2** | **I have a general understanding of the potential of natural language processing for providing better, more pinpointed answers to users.**  Questions / comments: |  |  |  |  |  |
| L6-**6.3** | **I am able to recognize situations where information extraction and other methods of document analysis would be useful, to suggest the use of appropriate software, and to participate in the selection of such software. (P2.3.3,1)**  Questions / comments: |  |  |  |  |  |
| L6-**6.** | **I have a general idea of how a computer program could do word sense disambiguation (WSD).**  Questions / comments: |  |  |  |  |  |
|  | **An objective you think should be here (from the list or your own)**  Questions / comments: |  |  |  |  |  |
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