UBLIS571%LearningBlogWeek04

**Week 4. Part 3. Information retrieval: General principles and methods**

**Learning notes and questions Week 4**

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 4

**Any topic**

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**Lecture 4.1 Searching linked data. An integrated information structure model**

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**Lecture 4.2ab Conceptual data schemas and input, storage, and output/presentation formats**

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| **Objective #** | **Learning Objectives Check Week 4** | **0** | **1** | **2** | **3** | **4** |
| --- | --- | --- | --- | --- | --- | --- |
| L4.1-**1** | **The reading/lecture 4.1 made sense to me.** Objective: Understand a general model of information retrieval based on the entity-relationship approach. (P2.3.1.1.2)  Questions / comments: |  |  |  |  |  |
| L4.1-**2** | **I feel I am able to use this general model to** (P2.3.1.1.2)  2.1 recognize common principles across types of information systems and develop an overall vision of retrieval possibilities  2.2 analyze specific systems and information retrieval operations in terms of this general model.  2.3 use existing systems in new and imaginative ways, in particular, to use several different systems in synergistic ways (P2.3.2.1)  2.4 design new systems with increased power, for example to search for Linked Open Data on the Web  Questions / comments: |  |  |  |  |  |
| L4.1-**2.3** | **I see how the model may help me to conduct more sophisticated searches.** Objective: use existing systems in new and imaginative ways, in particular, to use several different systems in synergistic ways (P2.3.2.1)  Questions / comments: |  |  |  |  |  |
| L4.2-**1** | **I feel I am able to analyze or design the conceptual data schema of an information system, specifically using the entity-relationship approach**  (P2.3.1.1.4; P2.3.4)  Questions / comments: |  |  |  |  |  |
| L4.2-**1** | **My understanding of the entity-relationship approach has improved.** (P2.3.1.1.4)  Questions / comments: |  |  |  |  |  |
| L4.2-**1.1** | **I am able to analyze the conceptual data schema underlying an info system.** (P2.3.4.1)  Questions / comments: |  |  |  |  |  |
| L4.2-**1.2** | **I am able to judge the adequacy of the conceptual data schema used in an information system with respect to the queries to be answered.** (P2.3.4.1)  Questions / comments: |  |  |  |  |  |
| L4.2-**1.3** | **I am able to use the knowledge of the conceptual data schema used in an information system to exploit fully the possibilities of obtaining answers from the information system.** (P2.3.4.1)  Questions / comments: |  |  |  |  |  |
| L4.2-**1.4** | **I feel confident about constructing a conceptual data schema.** (P2.3.1.1.4; P2.3.4.2)  Questions / comments: |  |  |  |  |  |
| L4.2-**1.4** | **I understand why *Person* is a good entity type but *Student* is not.** (P2.3.1.1.4; P2.3.4.2)  Questions / comments: |  |  |  |  |  |
| L4.2-**3** | **I understand the structure of a MARC record.** (P2.3.6.2)  Questions / comments: |  |  |  |  |  |
|  | **An objective you think should be here (from the list or your own)**  Questions / comments: |  |  |  |  |  |
|  | **An objective you think should be here (from the list or your own)**  Questions / comments: |  |  |  |  |  |
|  | **An objective you think should be here (from the list or your own)**  Questions / comments: |  |  |  |  |  |