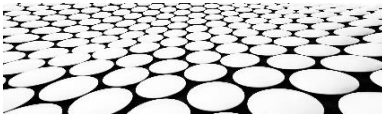


SEG3125 User Interface
Design and Analysis



MODULE 6 - ACTIVITY

Knowledge Organization



GOALS

One of our important topics this week is knowledge organization. The purpose of this activity is to build a semantic network of the university environment, while being inspired by the various views promoted by different universities. We have already looked at the websites of various universities in relation to the choice of colors and fonts (Activity 4), and this time, we are interested in the organization of knowledge within their sites.



SUBMISSION DATE

- Tuesday, June 30th, 11:30 pm



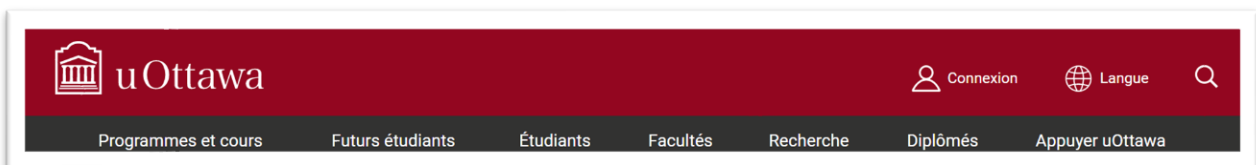
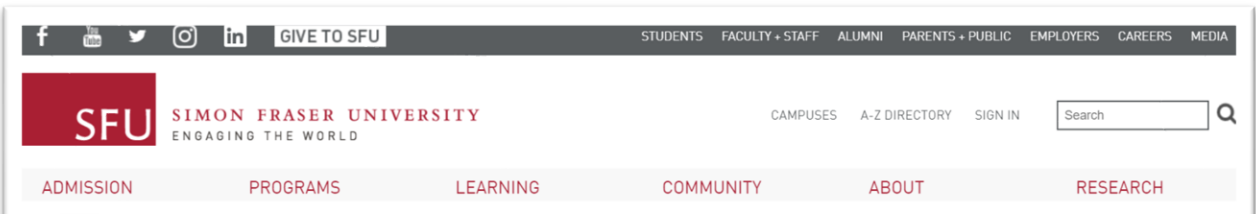
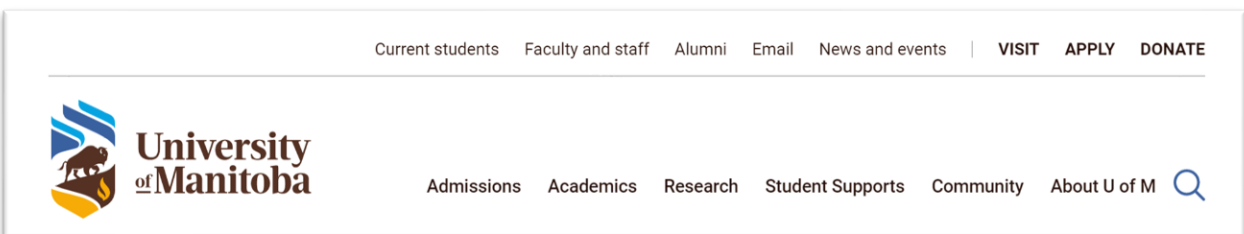
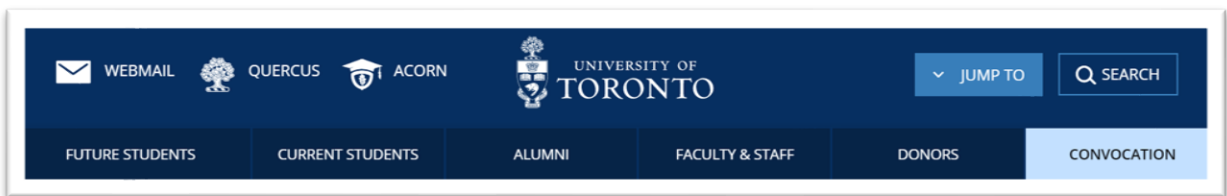
SUBMISSION METHOD

- In Brightspace, Module 6 checklist contains a link for your submission.
- Submit a PDF file (2 pages max) containing the results of your analysis.

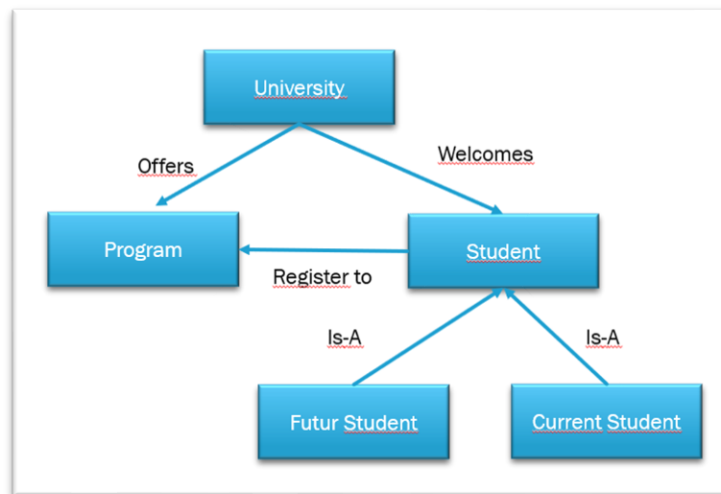


INSTRUCTIONS

1. First, review what a semantic network is. It should contain semantic relations of different types:
 - a. Taxonomy (e.g. dog/animal)
 - b. Meronymy (e.g. childhood/life, arm/body)
 - c. Attribute (e.g. person/age, city/name)
 - d. Other relation (e.g. write(author,book) or prevent(aspirin,headache))
2. Observe the organization of several universities (at least 4) in their header. What I call *header* contains the main menu and the other elements at the top of the pages. You can use the 4 universities you explored in activity 4 or explore others. Here are a few examples of headers:



3. List all the terms of the headers (for example, future_students, current_students, alumni, faculty & staff, donors, convocation, admissions, academics, etc.)
4. Organize these terms in a semantic network. For each pair of terms, ask yourself if it is a taxonomy or meronymy relation, or if it is an attribute, or another relation that you must then define. The figure below is a start of a semantic network to give you an example. This network contains taxonomy (future student/student) and other relations (offer, welcome, subscribe to). It is not necessary to have a link between all the term pairs as you can see below.



5. Write a report which contains:
 - a. List of universities chosen (at least 4)
 - b. List of terms extracted from the headers
 - c. Semantic network in which the concepts (term list in (b)) and the relations between these concepts are chosen appropriately



EVALUATION

- This activity is worth 1.5%.
 - The evaluation is based on effort, so students who made an effort to produce a well-thought-out semantic network, will have all their marks. I expect many different networks from different students. The important thing is to demonstrate by your network that you have thought about the university world and its organization.
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