

**CONCORDIA UNIVERSITY  
DEPARTMENT OF COMPUTER SCIENCE AND SOFTWARE ENGINEERING**

**SOEN 6481: SOFTWARE SYSTEMS REQUIREMENTS SPECIFICATION: SECTION AA  
SUMMER 2015**

## **DELIVERABLE 3**

### **PROBLEM 1 [80%]**

Create a set of user stories, say, US<sub>IGO</sub>, for a TVM.

The collection of user stories in US<sub>IGO</sub> can include both positive and negative user stories.

The collection of user stories in US<sub>TVM</sub> must, based on some systematic scheme, aim for ‘high quality’, individually as well as communally.

The constraints on US<sub>IGO</sub> can be either local (that is, on a single user story) or global (that is, on multiple user stories). The constraints must, as appropriate, highlight TVM-related product quality concerns. For example, such constraints could be sustainability-specific, usability-specific, and/or security-specific concerns.

Each user story in US<sub>TVM</sub> must be associated with a priority, as well as with one or more acceptance tests.

### **SCOPE**

The concerns pertaining to estimation of user stories can be ignored.

### **PROBLEM 2 [20%]**

Create a backwards traceability matrix, say, TM<sub>IGO</sub>, for US<sub>IGO</sub>. TM<sub>IGO</sub> must have at least two columns, one for each user story, and the other for one or more sources from which the user story was elicited. For a given user story, a ‘source’ could be another user story, a person, or some literature, preferably reachable via the Internet.

### **NOTES**

The artifacts in this deliverable should be informed by each other, as well as by artifacts other deliverables, as necessary.

The quality of both the representation and the presentation of information will be determinants in marking. In particular, syntactic, semantic, and pragmatic concerns of artifacts are significant.