

**SWE 5110
Requirements Engineering
Spring 2018**

**Project Assignment 9
Due by midnight on Thursday, March 22, 2018
Please submit electronically via Canvas**

Assignment

Now that we have developed 8 or more stories illustrating the functional use of CogBit it is time to capture each of the individual functional *requirements* that the system must meet to support those stories.

- First, assign a unique ID to each of the stories. The ID should contain the information that the stories are functional, e.g., funStory1, funStory2.
- Determine from each story the functions that CogBit must perform in order to support the story.
- Document each function using a template similar to the one on the following page. You may develop your own template, but it must contain all of the fields of the original template.
 - Remember to use “shall” in stating the requirements.

Submit to Canvas Assignment 8.

- Your stories modified to include the story ID and a list off all function IDs generated by the story.
- Your functional requirements in the format specified on the following page. For this assignment, the Requirement Type is “functional”

Don't forget to submit your time logs along with the assignment.

Requirements Template

Requirement ID:	Requirement Type:	Scenario ID(s):
Requirement:		
Rationale:		
Source:		
Acceptance Criterion:		
Dependencies:	Conflicts:	
Supporting Materials:		
Modification History:		

Requirement ID: a unique ID

Requirement Type: for now the requirements are “functional”

Scenario ID(s): The IDs of the stories that contain the requirement

Requirement: a simple statement of the requirement. The “shall”.

Rationale: Why is this a requirement?

Source: Where did the requirement come from? An interviewee? Research?

Acceptance Criterion: After the system is constructed how are you going to show/prove that it meets this requirement?

Dependencies: Other requirements on which this requirement may depend

Conflicts: Other requirements with which this requirement may conflict.