Excerpt of Acceptance Testing Instrument (Leard, 2002)

- Each task was coded for task complexity and task frequency as part of the instrument design. Interrater reliability measures were applied during coding.

- Users scored functionality and task attainment during testing.

- Each task was linked to the Request for Proposal (RFP) with the intent to assist stakeholders in decision–making for or against acceptance of the product. The RFP contained criteria for learning.

- Ease of use score followed a logic formula based on cognitive load:

  If the task attainment score is smaller than or equal to the task complexity score, then ease of use is scored as acceptable.

  If the task attainment score is greater than the task complexity score and the task is performed on a weekly or daily basis, then ease of use is scored as unacceptable at 0.

  If the task attainment score is greater than the task complexity score and the task is performed less often than weekly, then ease of use is scored as acceptable pending modification at 1.

  A possible problem in using a logic equation instead of applying a numeric calculation is that it is assumed that the value 1 for task complexity can be weighed equally to the value 1 for task attainment.

- Acceptance would be calculated by multiplying the functionality score by the ease of use score and would be coded at three levels: rejected (0), accepted but pending modification (1), and accepted (2).

Task #	Task Description	Task Complexity (A) 1=Structured, 2=Ill-structured	Task Frequency L=Less often than weekly, W=Weekly, D=Daily	Reference to RFP	Functionality Score (X) 0= Missing or does not work (bug) 1= Works	Task Attainment Score (B) 1=Easy, 2=Tolerable, 3=Intolerable	Ease of Use Score (Y) 0=Not acceptable, 1=Acceptable but requires modification 2=Acceptable	Acceptance Score (X & Y) (Functionality x Ease of use) 0=Rejected, 1=Accepted pending modifications 2=Accepted	Remarks
1	**Use general system features**								
1.1.	Log-in/ Log-out	1	D	1.3.1-d, 1.3.2					
1.1.1.	Enter username and password to log-in secure area	1	D	1.3.2-b					
1.1.2.	Change password	1	L	1.3.2-b					
1.1.3.	Log-off secure area	1	D	1.3.2-c					
1.2.	Navigate			1.2.1-a					
1.2.1.	Select items	1	D						
1.2.2.	Scroll	1	D						
1.3.	Check Updates			1.3					
1.3.1.	Access New Safety Alerts	1	D						
1.3.2.	By-pass New Safety Alerts	1	D						
1.3.3.	View whether New Safety Alerts have been accessed	1	D						
1.3.4.	Access New Bulletins	1	D						