ISO/IEC 25010:2011- Build-2-It

Functional Suitability	**Very Acceptable** **5**	**Acceptable** **4**	**Moderately Acceptable** **3**	**Fair** **2**	**Not Acceptable** **1**
Functional Completeness - Degree to which the set of functions covers all the specified tasks and user objectives	X				
Functional Correctness - Degree to which a product or system provides the correct results with the needed degree of precision.	X				
Functional Appropriateness - Degree to which the functions facilitate the accomplishment of specified tasks and objectives.	X				
Performance Efficiency	**Very Acceptable** **5**	**Acceptable** **4**	**Moderately Acceptable** **3**	**Fair** **2**	**Not Acceptable** **1**
Time behavior - Degree to which the response and processing times and throughput rates of a product or system, when performing its functions, meet requirements.		X			
Resource utilization - Degree to which the amounts and types of resources used by a product or system, when performing its functions, meet requirements.		X			
Capacity - Degree to which the maximum limits of a product or system parameter meet requirements.			X		
Compatibility	**Very Acceptable** **5**	**Acceptable** **4**	**Moderately Acceptable** **3**	**Fair** **2**	**Not Acceptable** **1**
Co-existence - Degree to which a product can perform its required functions efficiently while sharing a common environment and resources with other products, without detrimental impact on any other product.			X		
Interoperability - Degree to which two or more systems, products or components can exchange information and use the information that has been exchanged.		X			

Usability	**Very Acceptable** **5**	**Acceptable** **4**	**Moderately Acceptable** **3**	**Fair** **2**	**Not Acceptable** **1**
Appropriateness recognizability - Degree to which users can recognize whether a product or system is appropriate for their needs.	X				
Learnability - Degree to which a product or system can be used by specified users to achieve specified goals of learning to use the product or system with effectiveness, efficiency, freedom from risk and satisfaction in a specified context of use.	X				
Operability - Degree to which a product or system has attributes that make it easy to operate and control.	X				
User error protection - Degree to which a system protects users against making errors.			X		
User interface aesthetics - Degree to which a user interface enables pleasing and satisfying interaction for the user.			X		
Accessibility - Degree to which a product or system can be used by people with the widest range of characteristics and capabilities to achieve a specified goal in a specified context of use.		X			
Reliability	**Very Acceptable** **5**	**Acceptable** **4**	**Moderately Acceptable** **3**	**Fair** **2**	**Not Acceptable** **1**
Maturity - Degree to which a system, product or component meets needs for reliability under normal operation.		X			
Availability - Degree to which a system, product or component is operational and accessible when required for use.			X		
Fault tolerance - Degree to which a system, product or component operates as intended despite the presence of hardware or software faults.				X	
Recoverability - Degree to which, in the event of an interruption or a		X			

failure, a product or system can recover the data directly affected and re-establish the desired state of the system.					
Security	**Very Acceptable 5**	**Acceptable 4**	**Moderately Acceptable 3**	**Fair 2**	**Not Acceptable 1**
Confidentiality - Degree to which a product or system ensures that data are accessible only to those authorized to have access.		X			
Integrity - Degree to which a system, product or component prevents unauthorized access to, or modification of, computer programs or data.			X		
Non-repudiation - Degree to which actions or events can be proven to have taken place so that the events or actions cannot be repudiated later.			X		
Accountability - Degree to which the actions of an entity can be traced uniquely to the entity.		X			
Authenticity - Degree to which the identity of a subject or resource can be proved to be the one claimed.			X		
Maintainability	**Very Acceptable 5**	**Acceptable 4**	**Moderately Acceptable 3**	**Fair 2**	**Not Acceptable 1**
Modularity - Degree to which a system or computer program is composed of discrete components such that a change to one component has minimal impact on other components.	X				
Reusability - Degree to which an asset can be used in more than one system, or in building other assets.	X				
Analyzability - Degree of effectiveness and efficiency with which it is possible to assess the impact on a product or system of an intended change to one or more of its parts, or to diagnose a product for deficiencies or causes of failures, or to identify parts to be modified.		X			
Modifiability - Degree to which a product or system can be effectively and efficiently modified without	X				

introducing defects or degrading existing product quality.					
Testability - Degree of effectiveness and efficiency with which test criteria can be established for a system, product or component and tests can be performed to determine whether those criteria have been met.	X				
Portability	**Very Acceptable 5**	**Acceptable 4**	**Moderately Acceptable 3**	**Fair 2**	**Not Acceptable 1**
Adaptability - Degree to which a product or system can effectively and efficiently be adapted for different or evolving hardware, software or other operational or usage environments.	X				
Installability - Degree of effectiveness and efficiency with which a product or system can be successfully installed and/or uninstalled in a specified environment.		X			
Replaceability - Degree to which a product can replace another specified software product for the same purpose in the same environment.	X				

*This standard was last reviewed and confirmed in 2017. Therefore, this version remains current

.

Build-2-It Group
Delmar, Timothy
Orcullo, Dave Cyril
Tagaylo, Mary Gene