



REPUBLIC OF THE PHILIPPINES  
BULACAN STATE UNIVERSITY

## College of Information and Communications Technology



Level III  
Mastery in Quality Management  
2022



Quality Management System  
ISO 9001:2015 Certified



Times Higher Education  
Impact Rankings 2023



Certified  
Dark Green School



Name (optional): \_\_\_\_\_

Role: \_\_\_\_\_

**Dear Participant,**

We, **[members' names]** are currently conducting a study entitled, "**[Title of the Study]**" which aims to [objective of the study].

Using a scale of 5 (Excellent) to 1 (Poor), please rate the developed system with the following criteria based on the ISO/IEC 25010:2023 by marking (✓) the box.

Thank you very much.

Sincerely yours,

The researchers

A. FUNCTIONAL SUITABILITY	5	4	3	2	1
<b>Functional Completeness.</b> The system provides a set of functions that covers all the specified tasks and intended users' objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Functional Correctness.</b> The system provides accurate results when used by intended users.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Functional Appropriateness.</b> The system provides functions that facilitate the accomplishment of specified tasks and objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B. PERFORMANCE EFFICIENCY	5	4	3	2	1
<b>Time Behavior.</b> The system performs its specified function under specified conditions so that the response time and throughput rates meet the requirements.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Resource Utilization.</b> The system uses no more than the specified amount of resources to perform its function under specified conditions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Capacity.</b> The system meets requirements for the maximum limits of a product parameter.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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C. COMPATIBILITY	5	4	3	2	1
<b>Co-existence.</b> The system performs its required functions efficiently while sharing a common environment and resources with other products, without detrimental impact on any other product.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Interoperability.</b> The system can exchange information with other products and mutually use the information that has been exchanged.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

D. INTERACTION CAPABILITY	5	4	3	2	1
<b>Appropriateness Recognizability.</b> The system can be recognized by users as appropriate for their needs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Learnability.</b> The system can have specified users learn to use specified product functions within a specified amount of time.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Operability.</b> The system has functions and attributes that make it easy to operate and control.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>User Error Protection.</b> The system can prevent operation errors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>User Engagement.</b> The system presents functions and information in an inviting and motivating manner encouraging continued interaction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Inclusivity.</b> The system can be utilized by people of various backgrounds.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>User Assistance.</b> The system can be used by people with the widest range of characteristics and capabilities to achieve specified goals in a specified context of use.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Self-Descriptiveness.</b> The system can present appropriate information, where needed by the user, to make its capabilities and use immediately obvious to the user without excessive interactions with a product or other resources.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

E. RELIABILITY	5	4	3	2	1
<b>Faultlessness.</b> The system performs specified functions without fault under normal operation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Availability.</b> The system is operational and accessible when required for use.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Fault Tolerance.</b> The system operates as intended despite the presence of hardware or software faults.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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<b>Recoverability.</b> The system can recover the data directly affected and re-establish the desired state of the system.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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F. SECURITY	5	4	3	2	1
<b>Confidentiality.</b> The system ensures that data are accessible only to those authorized to have access.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Integrity.</b> The system ensures that its state and data are protected from unauthorized modification or deletion either by malicious action or computer error.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Non-repudiation.</b> The system can be proven to have taken place so that the events or actions cannot be repudiated later.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Accountability.</b> The system enables the actions of an entity to be traced uniquely to the entity.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Authenticity.</b> The system can prove that the identity of a subject or resource is the one claimed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Resistance.</b> The system sustains operations while under attack from a malicious actor.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

G. MAINTAINABILITY	5	4	3	2	1
<b>Modularity.</b> The system can limit changes to one component from affecting other components.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Reusability.</b> The system can be used as assets in more than one system, or in building other assets.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Analysability.</b> The system can be effectively and efficiently assessed regarding the impact of an intended change to one or more of its parts, to diagnose it for deficiencies or causes of failures, or to identify parts to be modified.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Modifiability.</b> The system can be effectively and efficiently modified without introducing defects or degrading existing product quality.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Testability.</b> The system can enable an objective and feasible test to be designed and performed to determine whether a requirement is met.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

H. FLEXIBILITY	5	4	3	2	1
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<b>Adaptability.</b> The system can be effectively and efficiently adapted for or transferred to different hardware, software, or other operational or usage environments.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Scalability.</b> The system can handle growing or shrinking workloads or adapt its capacity to handle variability.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Installability.</b> The system can be effectively and efficiently installed successfully and/or uninstalled in a specified environment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Replaceability.</b> The system can replace another specified product for the same purpose in the same environment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>I. SAFETY</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>
<b>Operational Constraint.</b> The system can constrain its operation to within safe parameters or states when encountering operational hazards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Risk Identification.</b> The system can identify a course of events or operations that can expose life, property, or environment to unacceptable risk.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Fail-Safe.</b> The system can automatically place itself in a safe operating mode, or revert to a safe condition in the event of a failure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Hazard Warning.</b> The system can provide warnings of unacceptable risks to operations or internal controls so that they can react in sufficient time to sustain safe operations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Safe Integration.</b> The system can maintain safety during and after integration with one or more components.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

***Thank you!***

Comments/Suggestions/Recommendations:

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Evaluated by:

\_\_\_\_\_/\_\_\_\_\_  
Signature/Date Signed

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