

**ONLINE INVENTORY SYSTEM FOR SUPPLY ROOM
IN DEPARTMENT OF BIOLOGICAL SCIENCES**

Undergraduate Thesis
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**RALPH D. LEONSANDA
DRANREB V. VALINO**
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ABSTRACT

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The system was developed to give solution to the difficulties being experienced by the department and to improve the flow in order for them to accomplish their objectives. The problems encountered were: (1) time consuming in monitoring and updating of items; (2) difficulty in reservation of items; and (3) difficulty in generating reports.

FDD methodology was used to develop the system. The system is a web application, and was evaluated through the use of non-technical and technical evaluation sheet based on ISO 9126. The researchers used mean and standard deviation to analyze the raw data on the evaluation sheet.

The non-technical aspect of the system includes functionality, reliability, usability, and user-friendliness. The overall non-technical evaluation got a mean score of 4.75 and a standard deviation of 0.47 with a verbal interpretation of "Excellent".

The technical aspect of the system includes functionality, reliability, usability, efficiency, maintainability, portability, and user-friendliness. The overall technical evaluation got a mean score of 4.56 and a standard deviation of 0.51 with a verbal interpretation of "Excellent".

Based on the results, the system fully met and far exceeded the most expectations.

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