**Inventory System for HRM Tools and Equipment**

A Thesis Presented to the Faculty of

Technical Vocational Livelihood Information and Communication Technology

In Partial Fulfillment

of the Requirements for Senior High School of

**INFORMATION AND COMMUNICATION TECHNOLOGY**

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December 2022

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**SENIOR HIGH SCHOOL**

**ENDORSEMENT FOR FINAL DEFENSE**

This thesis entitled “**Inventory System for HRM Tools and Equipment**,” prepared and submitted by Jerome Avecilla, Prince Lumongsud, Cedric Resurreccion, Jay Cambi, Erwin Dagoc, Maureen Mahor, Carlo Resurreccion, Jay Castro, Jasmin Raytana, Jed Languido, Justine Ibanez, In partial fulfillment of the requirements for Senior High School of Information and Communication Technology, is hereby endorsed for final defense.

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**DEDICATION**

This dedication letter with immense gratitude and appreciation for the successful completion of our research and thesis paper entitled "Inventory System for HRM Tools and Equipment." It is with great pleasure and honor that we present this work, which has been a labor of love and dedication.

We would like to extend our deepest gratitude to our thesis adviser, Nursaiha B. Salazar, for her unwavering guidance, support, and expertise throughout the entire process. Her invaluable insights, constructive feedback, and constant encouragement have played a pivotal role in shaping the outcome of this study. We are truly grateful for her dedication and commitment to our academic growth.   
  
 Furthermore, we would like to express our sincere appreciation to the esteemed panel of examiners, chaired by Cristina Camille Cruz. Their critical evaluation, thorough examination, and valuable suggestions have significantly contributed to the improvement and refinement of our research. We are grateful for their time, effort, and expertise, which have undoubtedly enhanced the quality of our work.

We would also like to acknowledge the invaluable contributions of Danisse Althea C. Celis and Jelo Victoriano Flores, who served as critics and members of the panel, respectively. Their insightful comments, constructive criticisms, and valuable recommendations have been instrumental in shaping the direction of our research and enhancing its overall merit.   
Last but not least, we extend our heartfelt appreciation to Roderick S. Malibiran, the School President, for accepting and approving our thesis in partial fulfillment of the requirements for the Senior High School of Information and Communication Technology. We are grateful for his unwavering support and belief in our abilities.  
Finally, we dedicate this research and thesis paper to all individuals who have tirelessly contributed to the advancement of human resource management tools and equipment. Your dedication, passion, and commitment to improving HRM practices have inspired us to explore this field and develop an efficient inventory system. May this work serve as a stepping stone toward further progress and innovation in the realm of HRM.

Thank you once again to everyone who has been a part of this journey, directly or indirectly. Your contributions and support have been invaluable, and we are truly grateful for your presence in our lives.

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We would also like to thank our academic advisers and mentors for their valuable guidance, wisdom, and insights that helped shape the direction and focus of this study. Their expertise and commitment to excellence inspired us to persevere and strive for excellence in our research.

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**ABSTRACT**

This study aimed to develop an Inventory System for HRM Tools and Equipment that provides a computerized and systematic approach to inventory management and reporting. The study identified the need for an efficient and effective tool for monitoring, managing, and locating every equipment and tool easily.

The Inventory System's primary objective was to track stock in and out of tools and equipment and their quantity to see how many tools and equipment were left or available.

The research consisted of four modules: account management, tracking management, transaction, and report modules. The account management module handled the user's information, while the tracking management module tracked tools and equipment. The transaction module included borrowing and returning tools and equipment, and the report module generated necessary reports.

Data were gathered through observation, interviews, and structured surveys with selected respondents, and a fishbone diagram was used to analyze the problems.

The study concluded that the Inventory System for HRM Tools and Equipment would help stakeholders easily produce and print reports, avoid overstocking and equipment outages, and improve overall inventory management.

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