

UNIVERSITI TEKNOLOGI MARA

**DEVELOPMENT OF
A HALALAN TOYYIBAN
WAREHOUSE PERFORMANCE
MEASUREMENT SYSTEM MODEL**

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Thesis submitted in fulfillment
of the requirements for the degree of
Doctor of Philosophy
(Transport & Logistics)

Malaysian Institute of Transport

June 2023

ABSTRACT

Halalan toyyiban is derived from Arabic and is a state of permissibility for objects or actions according to Syariah (Islamic) law. It implies that humanity is expected to eat, use and act by what is not only permissible (halal) but also good, pure or wholesome (toyyib). Halal products are now widely distributed worldwide and are in demand from Islamic and non-Islamic countries. To ensure the objective of halal logistics to uphold the halal integrity of the entire supply chain from farm to plate achieved, the halal warehouse (HW) plays a pivotal role. Though the general and Halal logistics warehouses share similar objectives to minimise costs, managing the Halal warehouse is more challenging. HW must ensure that all objectives are achieved by prioritising upholding Halal integrity. The different objectives and additional requirements between conventional and HW can cause conflict in practice and add more issues and challenges to the halal warehouse. More protection and precautionary actions must be involved. The HW needs to control and align the operation with the organisation's objective, halal objective, and halal culture to achieve and improve its performance. This research aims to develop a Halalan toyyiban warehouse performance measurement (HTWPM) system model. Four stages were conducted: background study (S1), exploratory study (S2), development model (S3) and evaluation model (S4) stages. A sequential exploratory mixed-methods was used. Two forms of case studies were completed in the S2. A qualitative document analysis of the selected input models case study determined the halal warehouse elements from the perspective of halal and toyyib assurance system models. A qualitative thematic analysis of interviews of four halal warehouse companies' case studies delivered halal warehouse elements from the perspective of halal warehouse company's findings. Based on the findings, The HTWPM model was constructed by adapting the balanced scorecard model. The prototype system of the HTWPM model is then developed as an evaluation tool and evaluated for its usability by 22 SMEs. The evaluated HTWPMS closes the gap in understanding how the halal warehouse can measure its organisation's performance. The HTWPMS can be used as a communication tool and can be centred on knowledge aspects in the HW organisation. It can help improve the Malaysian halal industry by gaining confidence and assurances among all related parties. The possibility of further extension or more in-depth empirical research, especially in determining performance indicators recommended for future studies. A web-based information system application is recommended for the system's implementation in the industry so that the performance results can be shared and made available to all stakeholders.

ACKNOWLEDGEMENT

Bismillahirrahmanirrahim. Alhamdulillah rabbil alamin, allohumma shalli ala Muhammad wa ala ali Muhammad. Because Allah's grace provided me with courage, faith, strength, and diligence, I was able to overcome obstacles and find the inner fortitude to complete the thesis.

Sincere and high appreciation goes out to my supervisor, Head (Postgraduates Studies) MITRANS Ts Dr S Sarifah Radiah Shariff, who has been an endless source of wisdom and encouragement and helped me to keep on course. I should not forget to appreciate my previous supervisor Prof. Datin Dr Noor Habibah Arshad, for the vast knowledge and guidance have given to me, especially in the early stages of this research. My gratefulness also to my co-advisor, Dr Shahrin Nasir, and my former co-advisors Prof. Dr Saadiah Yahya, for your guidance and advice. To all of you, I beseech that Allah bestows His mercy upon all of you and grants you contentment.

I would also like to extend my appreciation to all the management and staff of MITRANS who have provided the facilities and assistance throughout the study. Special thanks to my colleagues and friends of the Faculty for helping me with this thesis. To name a few good friends, _____ and the rest, I value your concerns, care and help throughout this endless journey.

Special gratitude goes to the sponsorship of the Ministry of Higher Education (KPT), Malaysia, through the MyBrain15 scholarship and Halal Supply Chain grant. Thank you for the support, assistance and funding for the PhD study.

My special dedication and gratitude go out to every family member, including siblings and in-laws and not to forget all of my best friends.

Words cannot express my gratitude to my lovely mother, _____ for her unending prayers and sacrifice. Also, thank you to my father-in-law _____ and my mother-in-law _____ br always understanding and supporting me.

I could not have completed this thesis without the patience, assistance, prayers, sacrifices, and love of my wonderful husband, _____ I have taken much time away from my children, _____ and _____ on this journey. I am sorry, and I value your understanding, my loves. But please know that you are all a part of why I have the strength to finish this thesis.

In closing, I would like to dedicate this PhD thesis to the memory of my dearly departed father, Allahyarham _____, who always prayed for me and inquired about the progress of my PhD study. I know Ayah would definitely 'sujud syukur' for this success if you were still here. Even though I was disappointed in myself for not completing this study sooner so that Ayah could see it, this success was for him. If anything of value can be gleaned from this thesis, may the rewards be Ayah's. Wishing Allah's (SWT) blessings on you and welcoming you into Jannah. Al Fatihah.

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