Universiti Teknologi MARA

Easy Halal Audit

Mohd Arief bin Sohaimi

**Thesis submitted in fulfilment of the requirements
for Bachelor of Computer Science (Hons.)
Multimedia Computing Faculty of Computer and
Mathematical Sciences**

January 2018

ACKNOWLEDGEMENT

Assalamualaikum w.b.t,

Alhamdulillah, all praise be to Allah s.w.t, for giving me the strength, the opportunity, the perseverance and knowledge to complete the task that I have been entrusted to. Giving me the patience to fall all obstacle that You may or may not have given to me.

I would like to express my deepest appreciation to my supervisor, Dr Marshima bt Mohd Rosli who has continuously guided me with patience. She also provides me with insight and expertise that greatly helped me with the project. A better understanding to the mobile application and auditing process helps a lot in my report and project development. This would not be possible with her teaching and guidance to complete my final year project.

I would also like to thank Dr Marina bt Ismail for guiding me to the right way of writing my report perfectly. This would make it easier for the reviewers to read and analyses my report.

Other than that, I also would like to thank University Teknologi MARA (UiTM) for given me the opportunity to be enrolled in their program. Lastly, I would like to thank my family and friends who have support me with motivation, advice, understanding, patience and most of all their prayers for me to have success in my life and work. Their contribution towards my project may be small, but it does not mean that it is useless. May Allah sw.t bless all of you and I am really appreciated of your kind hearted.

Thank you again.

ABSTRACT

Nowadays, technology is a part of our life as it is devices that can helps us in many ways throughout our daily life. The application that I developed is about a part of the auditing process which is the documentation process during the site visit to the applicants' premises or companies. The auditors still using the manual documentation which is they need to manually tick the checklist before key in the data into the computer format before send it to their boss which is time consuming because they still need to do it manually after site visit. So, the solution to this problem is by using the application that I developed which the auditors only need to bring their own smartphones during site visit and complete the form checklist provided in the application. The methods used in the development process are planning, analysis, design, development and testing meanwhile the evaluation process is in term of the efficiency of the system whether it can reduce the time to complete the audit process or not. In conclusion, this application is very suitable for the auditors to save time during the site visit process.

TABLE OF CONTENTS

CONTENT   **PAGE**

CHAPTER 1

INTRODUCTION

1.1   Background

Halal's products are the most necessary for all Muslim around the world according to Syariah in Islam. However, these products also being searched and bought by the non-Muslim. In Malaysia, JAKIM and JAIN are the responsible organisation to give Halal certificate for the products or the companies. There are many aspects checked by them before they can proceed and give the certificate to the applicants. There are only selected person called the auditors authorised can give the certificate after they go for inspection at the applicants' premises or companies. The auditors selected have to memorise all the standards provided by JAKIM as they will represent JAKIM or JAIN to do the site visit before give the certificate. Nowadays, the growth of the Muslim population all around the world had increased which will also increase the number of demand for the Halal's products. The large number of Muslim population is the possible consumers of products that have Halal's certificate (Marliana, 2015). As the result from this problem, JAKIM and JAIN need to speed up the process to apply and get the certificate in order to reduce the number of applicants that are waiting to have their products inspected and certified with Halal certificate. So, something need to be done to increase the rate of speed for the applicants to get their certification quickly (Sulaiman, 2016). According to JAKIM(2015), JAKIM and JAIN cannot afford to give the certificate to all the applicants in a short time as they had problem of not enough staff. In order to reduce all the problems listed above, I proposed to develop an application which can help the auditors speed up a little bit the certification process. This is because nowadays the auditors still use the manual work which they need to retype all the paperwork needed for the Audit Report after they had inspected the