Universiti Teknologi Mara

MYPlate: Mobile Commerce Application For Trading Vehicle Number Car Registration In Malaysia

Ahmad Nabil Bin Ahmad Nazli

Thesis submitted in fulfilment of the requirement.
for Bachelor of information Technology (Hons.) Faculty of computer and Mathematical sciences

FEBRUARY 2022

ACKNOWLEDGMENT

Alhamdulillah, praises and thanks to Allah Because of His Almighty and at most blessings, I finished this final year project within the due date given. Firstly, I am thankful to conduct this project under Sir Ahmad Zambri Shahuddin. Without a doubt, I can achieve the project's goals to the support and time sacrificed from the beginning until the final year project is complete.

I want to express my appreciation for all the encouraging and constructive reviews, which have allowed me to form and improve my report in many ways to Dr Emma Nuraihan Mior Ibrahim, my lecturer through these semesters. All the time and effort she spends on all the students she supervises cannot be repaid.

Furthermore, I would like to express my appreciation to Dr. Azhar Abd Aziz, my examiner, for his time, valuable comments, and suggestions on this project.

Finally, my classmates, who worked together night and day to complete this final year project , would also like to offer my special gratitude. Thank you so much for your support and encouragement.

ABSTRACT

Vehicle number car registration is an ID for every vehicle that register. Vehicle number car registration is important to recognise your vehicle even though you has same vehicle type or brand. The development of MYPlate is to aim the customer as one stop shop centre for buyer and seller as a 3rd party to buy and sell vehicle number car registration in a mobile platform. The objectives of this project is to identify the user requirement, to design , to develop MYPlate mobile commerce. This project have two target user which is the buyers of vehicle number car registration and the sellers that become the 3rd party who are likely to sell their personal vehicle number car registration to others. The development of this project will use MADLC methodology as the process in develop the MYPlate mobile commerce. This project will be complete until the testing phase in order to ensure the application can be run by the targeted users. The features of this functions is chat UI, button to negotiate the price of vehicle number car registration and buyer and seller features. This features will helps both sellers and buyer to have a good communication to each other. All features of m-commerce also will be applied in this application to ensure all the requirement as a mobile commerce application will achieve when that application develop. For future recommendation, notification features and real transaction process will be applied in the next development of this mobile application.

Keywords: Shopping Online, Chat UI, Mobile Commerce, Mobile Application Development Life Cycle, vehicle number car registrations, Android OS

TABLE OF CONTENTS

CONTENT	PAGE

CHAPTER 1

INTRODUCTION

An outline of this project is given in this section. This chapter includes project background, problem statements, scope, limitations, and project significance.

1.1 Project Background

There are more than 1.2 billion vehicles in the world through the statistics that have been getting in 2015 (Statista, 2017). The vehicle is the important transport because if you want to go from your starting point to your destination point you need a transport that can bring you to the journey in the process to your arrival in your destination. If a human has their identification card as their ID the same goes for the vehicle they also have their ID which is the vehicle number car registration. For example, if the user wants to get their vehicle number car registration they need to buy from the transport organization or a third party resource that sells the vehicle number car registration that you want

There is very minimal mobile commerce that offers these services to the user because they stay using another platform of technologies. For example, they use social media, create their website or just post their advertisement on any internet platform to inform the user that they offer these services by buying or selling vehicle number car registrations. Besides, the details of dealers or agents are not filled enough for the user to contact each other. A website like 'plate.com.my' offers you a unique vehicle number car registration to get it but there is a lack of information about the seller so the services can not be done.

In today's world, mobile commerce has been commonly embraced in companies. Most academics have recognised that mobile commerce is an important tool that enables companies to take advantage of competition and change their businesses (Baby, 2019). The pattern of growth within an online industry is shifting from PC to mobile Internet as mobile networking technology