Universiti Teknologi MARA

The Mobile Development of Malaysian Local Fruits Learning Games

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ABSTRACT

In Malaysia, there are a lot of local fruits can be found. Some of them come in seasons and some come in all year round. There are easy to get when the fruits season come and the taste is very juicy and delicious. Nowadays, children have learned about fruits but in syllabus at the school they are not focusing on local fruits in Malaysia. The children do not know which one are our local fruits. There are one method have been used to develop this application which is a survey. Survey method are divided into two categories which are interview and questionnaire. From the questionnaire conducted it can be concluded that majority of the student did not recognize which one is Malaysian local fruits. Furthermore, in this era children do not interested learning from flash card because of the extensive use of technology such as a smartphone and computer. To overcome this problem, Malaysian Local Fruits Learning Games is develop using mobile platform. Besides learning, three educational games are developed for children to learn and have fun. Combination of multimedia elements such as sound, image and text in learning makes the children more focus on what they are learning. It also will give a more positive impact to the children to know which one is a local fruits in Malaysia. This application is developed for children age six years old. Future works suggested are add more educational games into the application so user can learn and play the games to gain the knowledge.

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CHAPTER 1

INTRODUCTION

In this first chapter, this chapter provides the general view of the research background and discusses about problem statement, research question, and objective of project, scope of project and significance of the project. Research background describes the overview of the issue that is being discussed in this research. The problem statement is the current issue which needs to be addressed and solved. The objective of this project is the statement which describes what the project is trying to achieve. The scope of the project states the target of the research. Lastly, the significance of study assumes that what the project aims for is successfully achieve.

1.1   Research Background

According to Fair Children Garden (2014), in the scientific fruit means plant life that contains seeds from a fertilization ovary. Therefore, many vegetables can be consider as fruits. Example like tomatoes, cucumbers, beans, peas, peppercorn, eggplant and squash are all fruits. Tomatoes or peaches can be fleshy fruits or dry like cocoa palm or peanuts. Watermelon, melon tree and tomatoes have many seminal fluids in them while avocados, cherry and almonds only have one seed. Besides that, they also can be very large and big example like pineapples, jackfruits and pumpkins and sometimes very small like grape and blueberries.

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