

CHAPTER 1

INTRODUCTION

1.1 Background

The most basic human needs are the basic commodities of foods. In Indonesia, foods are very important problem evidenced by the law No. 7 of 1996 concerning food¹. Seen from the economic aspect, the price of food is one aspect that is important and needs attention. People as consumers of basic commodities needs to obtain information related to food prices on the market.

Nowadays, people still find difficulties in obtaining basic commodities prices that suggested by the government, even in this Internet era. Whereas, people can accessing the Internet by using the computer or smart phone. This is happening because the government's data is in form of raw data, not processed yet.

Based on that problem, this project is created. This project will create an Android application that can access the prices of basic commodities provided by the government. This application can be useful to people because it can be used as references for bargaining of basic commodities in the traditional market.

1.2 Scope

The scope of monitoring basic commodities price application are:

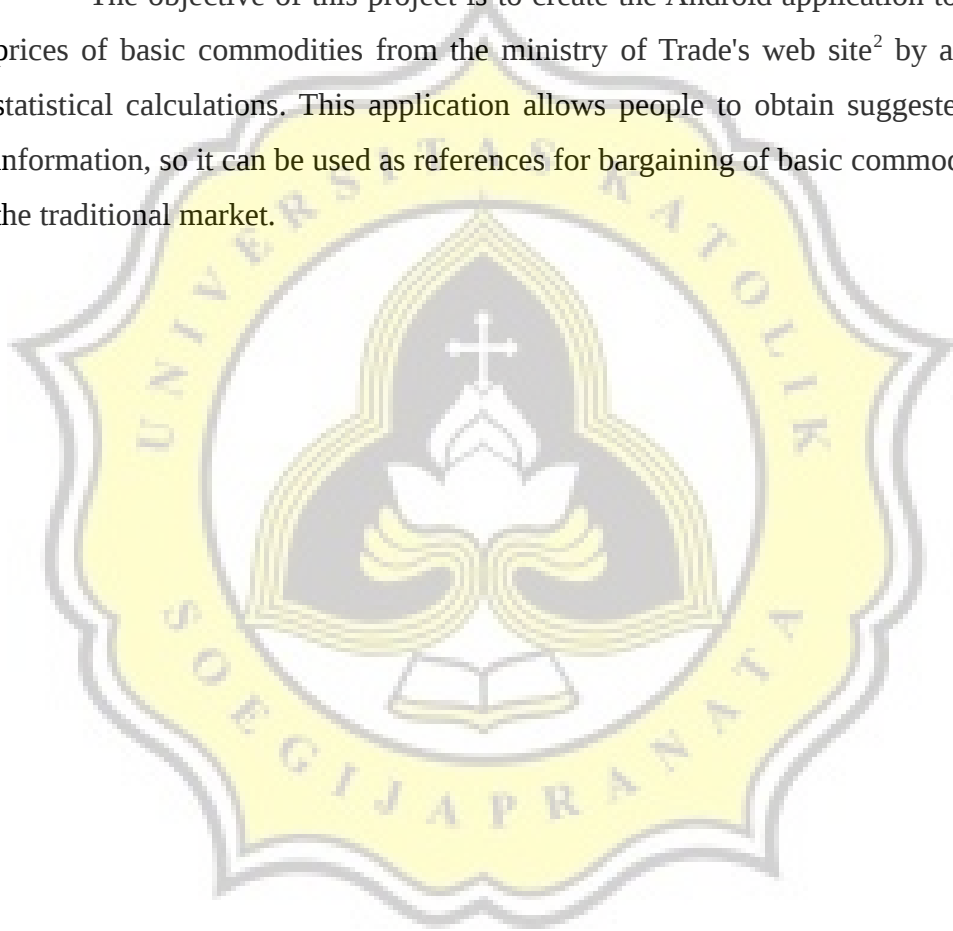
1. Data of basic commodities price take from the <http://www.kemendag.go.id/id/economic-profile/prices/national-price-table> website.
2. The data of basic commodities price is stored in the Linked List data structure.

1 <http://www.peraturan.go.id/uu/nomor-7-tahun-1996.html>

3. Implement the statistical formula (mean, median, mode) over the data of basic commodities price.
4. Create chart based on basic commodities prices.

1.3 Objective

The objective of this project is to create the Android application to access prices of basic commodities from the ministry of Trade's web site² by applying statistical calculations. This application allows people to obtain suggested price information, so it can be used as references for bargaining of basic commodities in the traditional market.



² <http://www.kemendag.go.id/id/economic-profile/prices/national-price-table>