

## ABSTRACT

*Web Crawling is a search engine that is used to browse web pages that allows someone to get the desired data on a particular website, one of which is the price of goods on the E-marketplace. Problems that often occur are inaccurate item prices (information), incomplete item data.*

*The purpose in making this final project is to create a website that can make it easier for consumers to search by getting information on searching for prices of goods at accurate prices. The data collection method is done by using the Web Crawling Technique because of course consumers cannot access the respective E-Commerce databases.*

*The result of this research is a web crawling search engine that can collect data on goods on Tokopedia, Bukalapak and Shopee as well as a search engine application in finding the cheapest price information for goods from data sources that have been collected using this web crawling. With this application, it is made to make it easier for consumers to collect information from the e-marketplace website which can then be monitored for the price of each item. Then this information will be processed in accordance with the initial purpose of doing web crawling, which is to make it easier to analyze the prices of goods and consumer needs.*

**Keywords:** Search Engine, Web Crawling, E-marketplace