

## **Abstract**

**Information is one of the important things in the current era, one of the information that is always updated every day is news. The amount of news that appears every day becomes a new problem when news websites do not provide API (Application Programming Interface) services to get the news. This becomes an obstacle for researchers who will conduct news topic analysis. The copy and paste method is less effective for getting news every day on news websites because it takes a long time. In this final project, Web Scraping is carried out using the HTML (HyperText Markup Language) DOM (Document Object Model) method for extracting data from news sites, the results of Web Scraping are in the form of a dataset which is then used as an API. The API that has been created will be tested for the suitability of the data, between the data obtained at the time of scraping and the data on the news website at the time of testing. The test results show that the news website Tribunnews.com has a conformity rate of 99.2%, Detik.com 97.9% and Liputan6.com 98.6%.**

**Keywords: Web Scraping, HTML DOM, Website, News, API.**