Fake News

Requirements Analysis

Bardita Larisa-Ioana

Chirica Demetra-Bianca

Chisa Daniel

Miron Robert-Andrei

Susan Stefan-Claudiu

1.Description

Fake News has been around since the first newspaper was published. But with the quick evolution of social networks and news web pages it has become more dangerous than ever.

It is a practice used by many important figures to influence what the common people think.

This project focuses on researching and implementing techniques of detecting news articles and then analyzing them to decide if it’s fake news or not. The application will be provided to the end-user as a browser plugin that will display the analysis results of the content that the user is viewing.

Every page that the user visits will be checked as soon as it is loaded. The client component will communicate with a server component that will analyze the content provided by the client.

If the web page contains indeed a news article then further analysis will be done. If it doesn’t contain an article then the plugin will not display anything.

The application will be composed of a client side component (the plugin itself) and a server side component that will contain the modules necessary for the classifications and will expose and API for communicating with the client.

**The main objective is to research, implement and provide ways for the user to defend himself against possible malicious information and help him shape his own opinion on a certain topic based on accurate information.**

3.Approaches and behaviours

* User: to insure a proper environment of the plugin, by saving the extension on the browser that is going to be used, as well as granting access on relevant websites in the context of determining whether or not a news is fake.
* Client: offering details to the user related to the correctness of the article, by showing the data in an easy to understand manner. The client retrieves the text from the website and sends it to the server, waiting for the result. Once received, the client displays it in a pleasant and efficient approach for the user to make a decision.
* Server: manages the information from the moment the user accesses a website that requires analyzation, through checking if it contains what we call news, and then determining its authenticity. In the end, it processes the data through the best analysis, forwarding it in a specific format.