Fake News Knowledge Base Test 1.0.0 Release Notes

Overview

This application is designed to receive a JSON file containing article data from the restful web service, run the relevant info through our tests, and return a JSON file contain a trust rating ranging from 0% to 100%.

Release Date

12/08/2020

Author

Ammar Rangoonwala

Developers

Rashad Khan, Eduardo Saenz, Brandon Martin, and Ammar Rangoonwala

System Requirements

Requires JSON to be sent to "https://kbservet.herokuapp.com/"

Click this link for the full Build and Deployment Instructions

What's New in Version 1.0.0

Improvements:

- Website check
  - Website check can now run incoming website against a whitelist of known good and blacklist of known bad sites
  - Searches for key words that may relate to unreliable information
  - Updates knowledge base of whitelisted and blacklisted sites based on resulting outcome
- Author check
  - Splits authors first and last names to be evaluated
  - Generates a trust factor rating based on an algorithm that leverages Google Scholars I-10 index
  - If no author is found, then returns an inconclusive value
- Article content check
  - Checks the validity of citations in the given article after removing any social media links
  - Evaluates overall article length

- Date check
  - Splits the year from the date and time
  - Runs the year of the article against the current year to find out the age of the article
  - Evaluates the age and returns an inconclusive value if no date is found
  - Special case set up for article posted on April Fool's Day

Bug Fixes:

- FIXED: Found bug resulting in inaccurate date check based on format
- FIXED: Bug found when using Google Scholar API so we changed to manually scraping the webpage

Coming Soon

Full time integration with both restful web services.

Previous Release Notes

Click this link for release notes from earlier versions