M2 Software Project

Online App for Knowledge Substantiation

Anna MOSOLOVA
Elisa LUBRINI

UNIVERSITÉ DE LORRAINE
IDMC Institut des sciences du Digital Management & Cognition

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Overview

Publishing the website

- ✓ Connected front to back-end
- ✓ Published docker for website hosting
- ✓ Created setup.py
- ✓ Redacted documentation
- ✓ Continued writing the report

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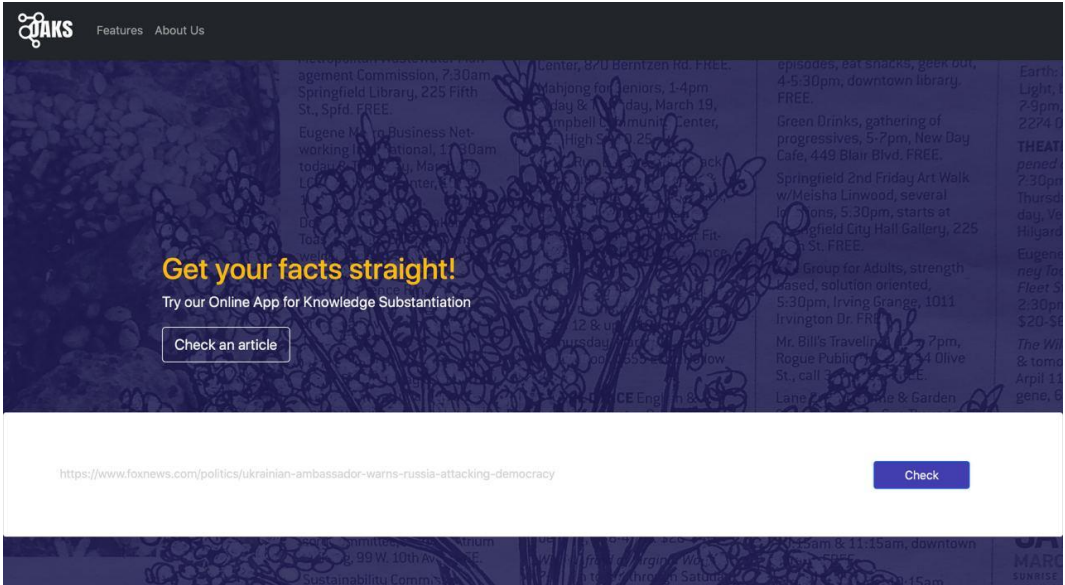
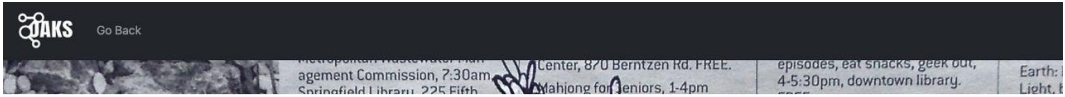
Front-end and Back-end



Front-end and Back-end



The likelihood of this article to be fake is of 33.0%

More features are coming, such as statistics and algorithm instights...

Stay tuned!

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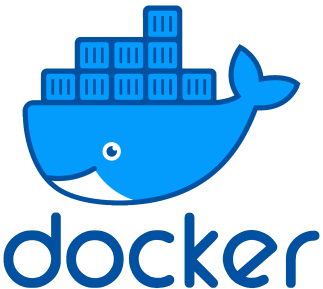
Docker

Publishing the website

- ✓ Set up a docker image
- ✓ Sent repo to EKOS
- ☐ Test Published website



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Documentation

Abstract

The aim of this project is to develop a software that provides users with a probability value reflecting the likelihood of an inputted news article being fake. To achieve this, a multi-modal pipeline was implemented, by ensembling the results from 4 different modules (rule-based, neural network, cross-checking, and knowledge-base algorithm). The app is accessible to the users through a user-friendly GUI at website-domain-pending.fr.

Dependencies

See app/requirements.txt for full dependency list with versions.

Installation intructions

From the terminal:

- clone the repository (`git clone https://github.com/e-lubrini/oaks/`)
- `cd` to the *oaks/app/* folder
- *(recommended)* create and activate an environment (e.g. `python3 -m venv venv; source venv\bin\activate`)
- `pip install -e .`

Usage guide

The command `python3 pipeline.py [https://article_url.com]` will output the likelihood of the article being fake, in the form of a percentage.


thank
you