News Aggregator

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SUPERVISED BY:

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Introduction

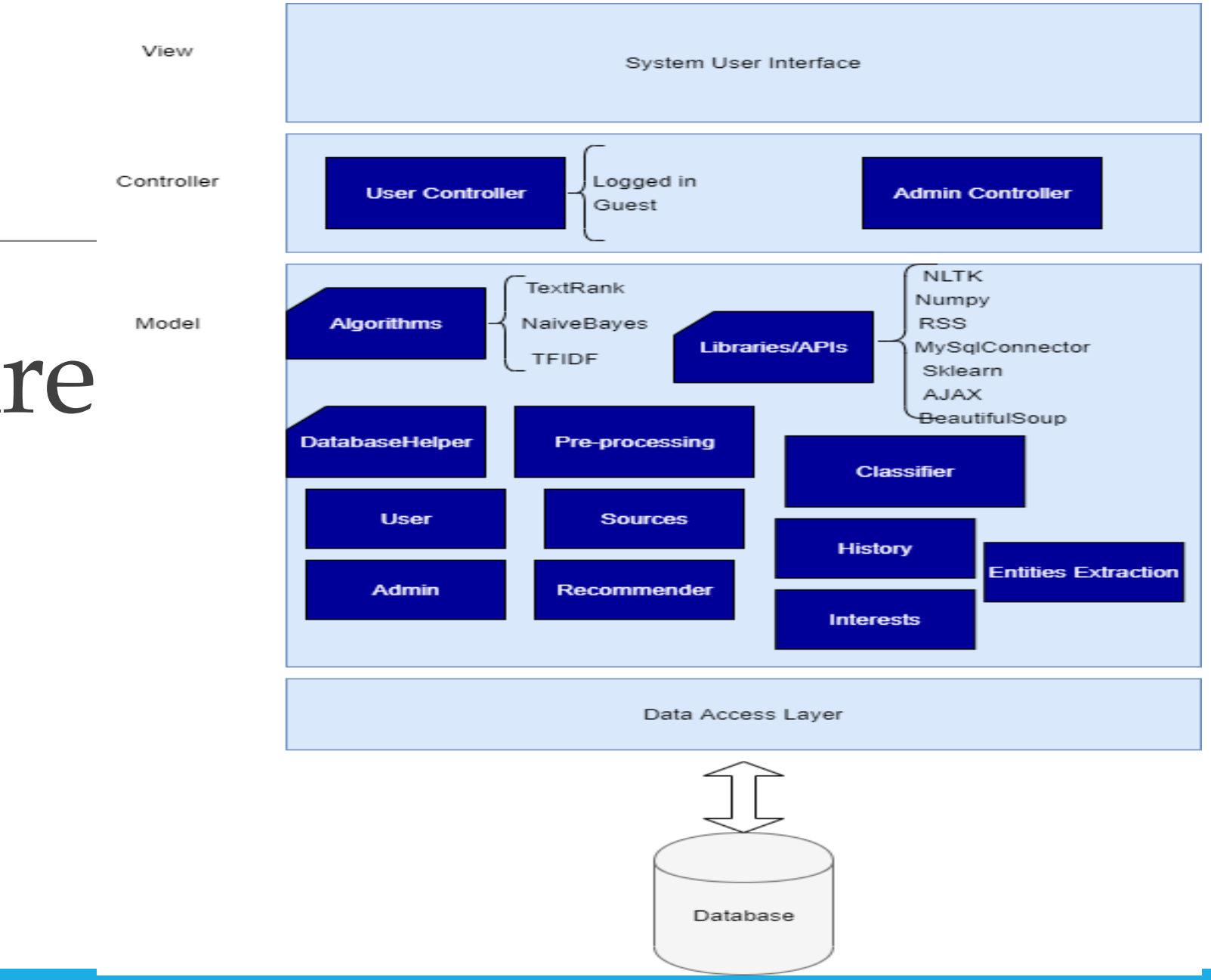
- In the last few years, The world had an incredible and huge growth of the rate of news.
- 44 percent of U.S. consumers cited some sort of online publication as their main source of news in 2017[1].
- Our project aims to aggregate news from as much sources as possible in one place.
- Another task for our project is summarizing those aggregated articles in order to save user's time.

[1]https://www.statista.com/topics/1640/news/

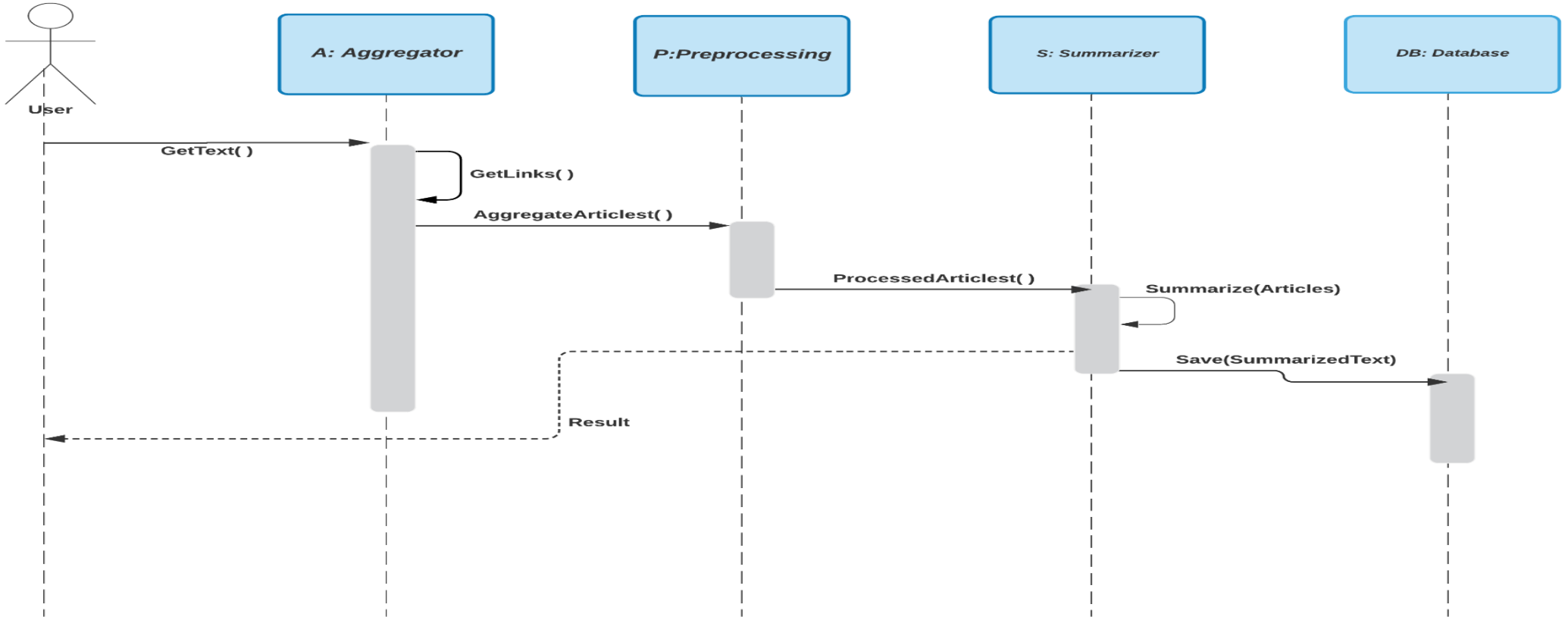
Problem Statement

- Aggregate/Recommend highly relevant news to a certain input keyword or key phrases from heterogeneous sources and Summarize them to reduce user's read time.

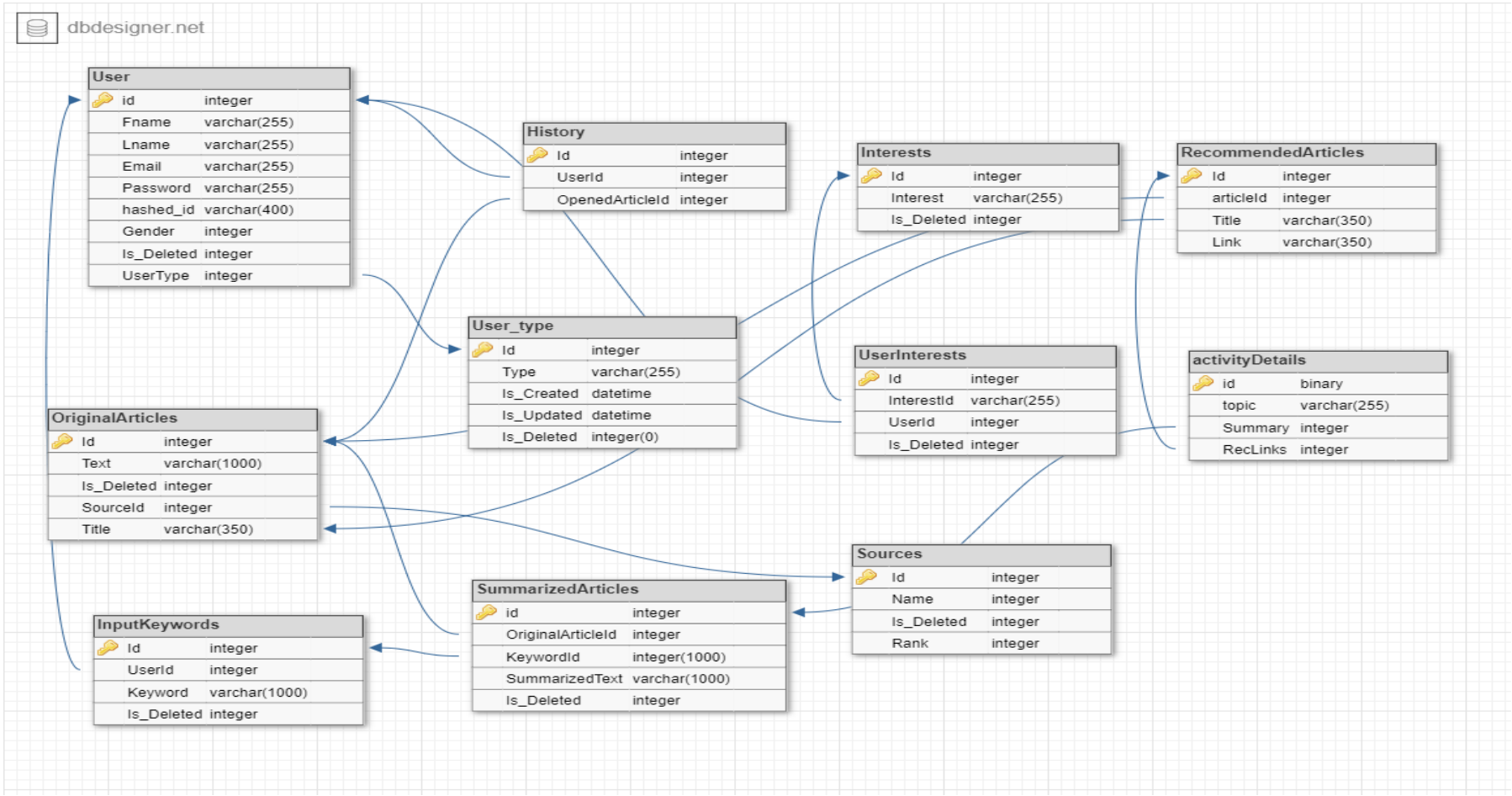
Architecture Diagram



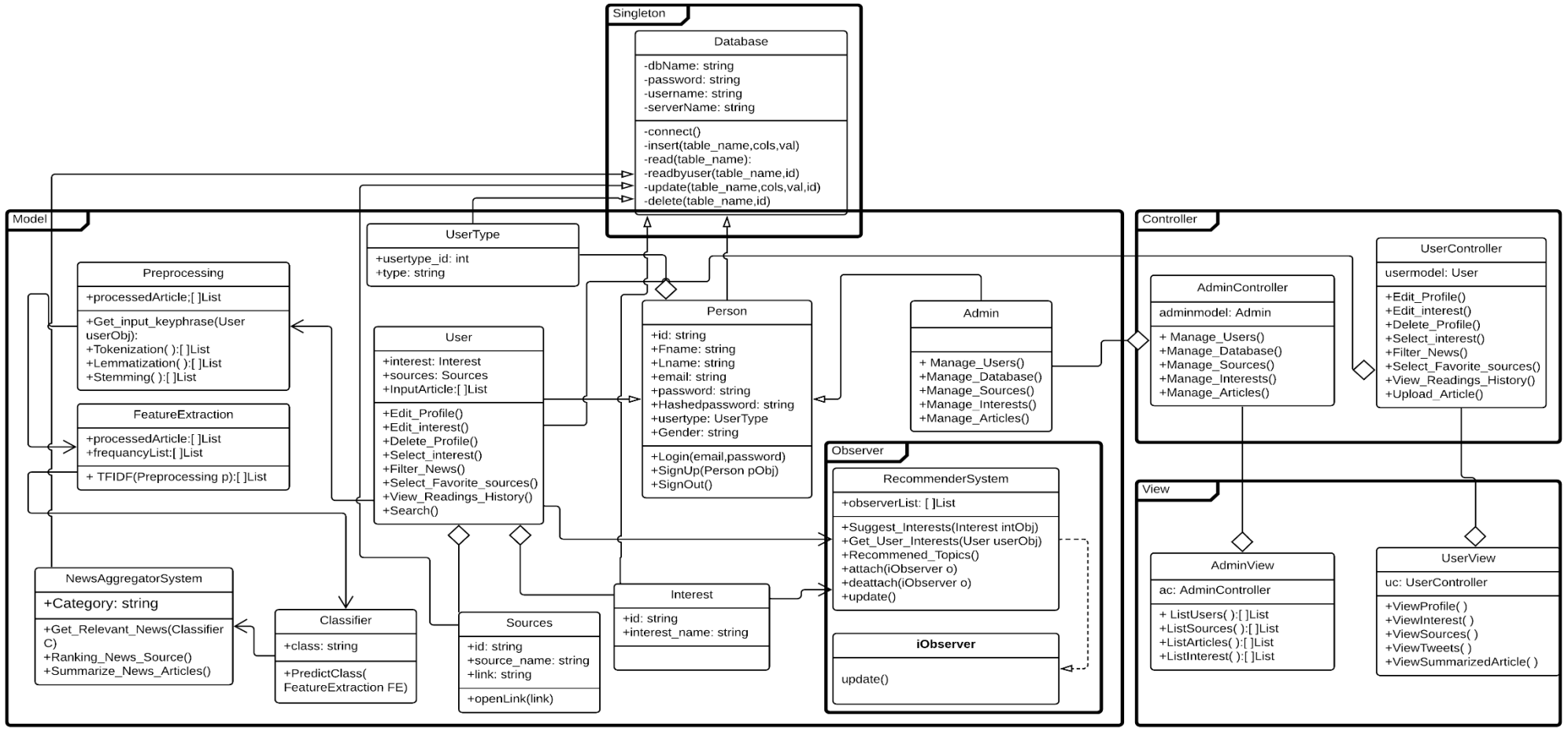
Sequence Diagram



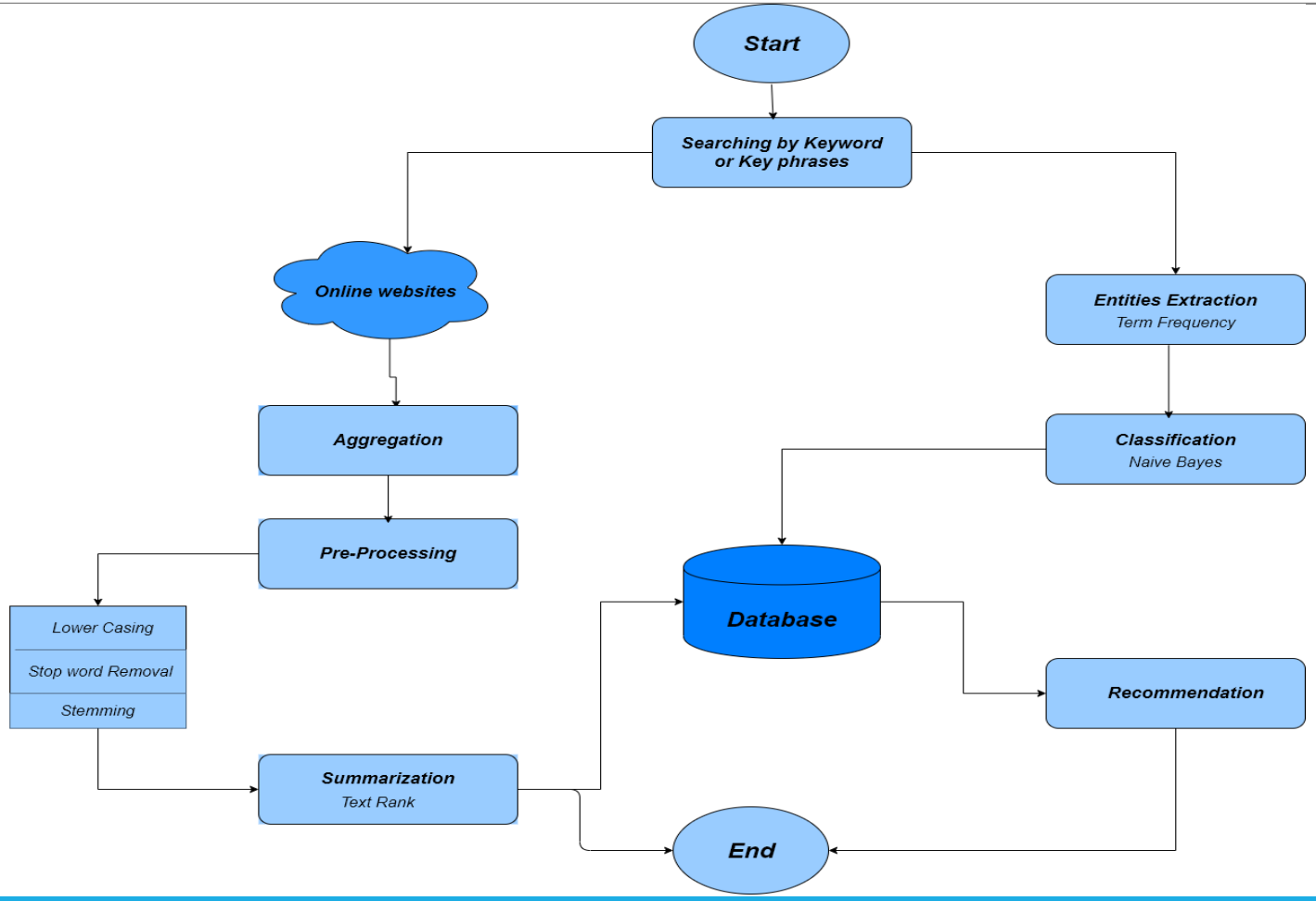
Database Schema



Class Diagram



System Approach



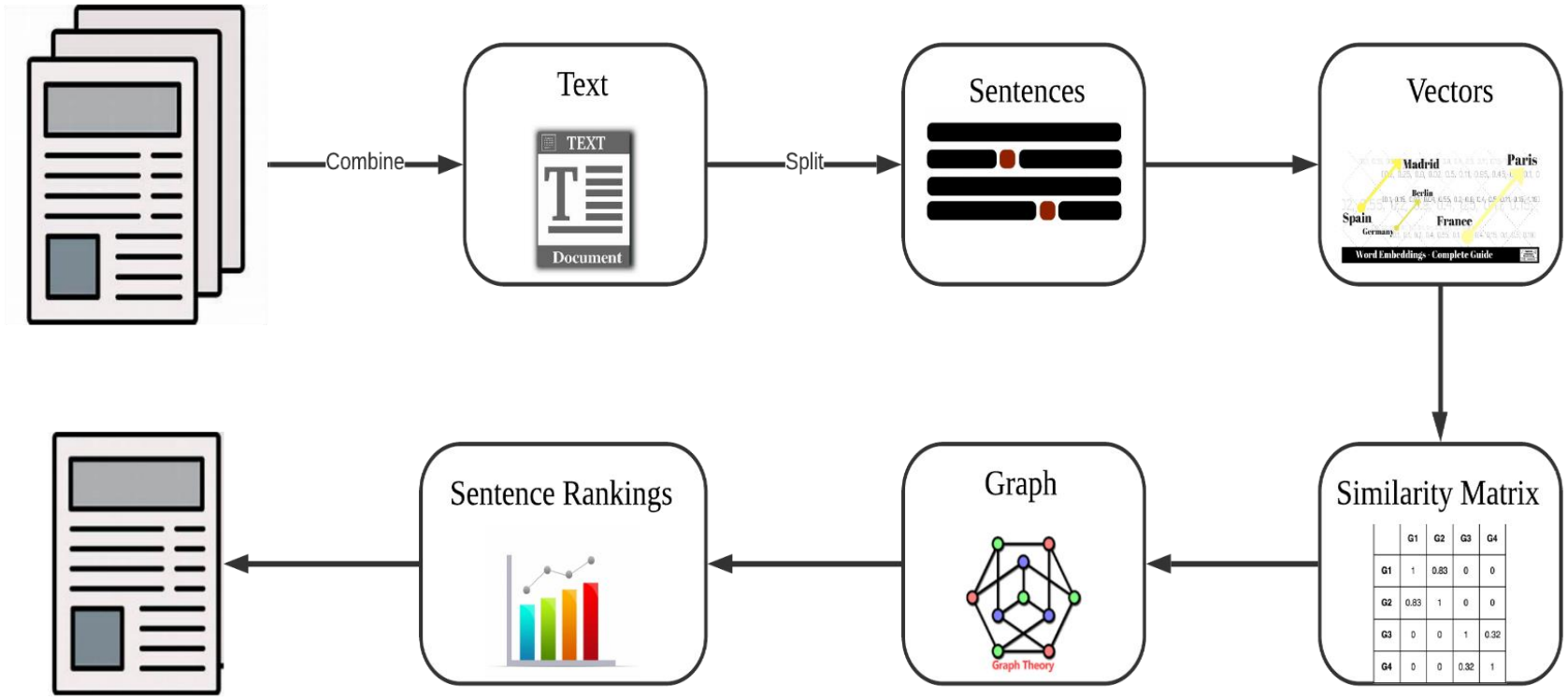
TextRank Algortihm1/2

What is TextRank?

TextRank Algorithm is a graph-based ranking algorithm that is used for articles summarization.

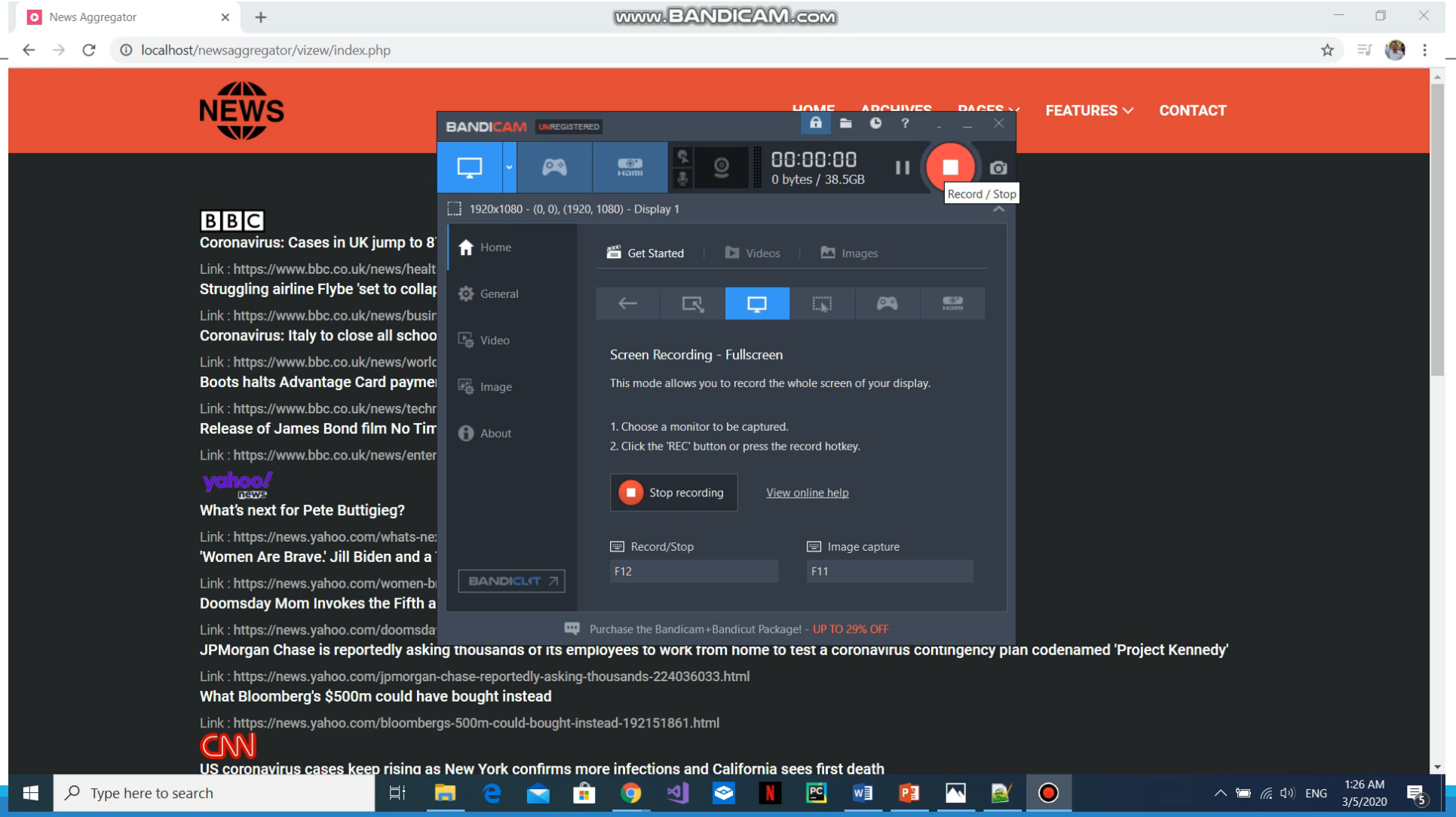
TextRank Algortihm2/2 [2]

How TextRank algorithm works?



B. Balcerzak, W. Jaworski and A. Wierzbicki, "Application of TextRank Algorithm for Credibility Assessment," 2014 IEEE/WIC/ACM International Joint Conferences on Web Intelligence (WI) and Intelligent Agent Technologies (IAT), Warsaw, 2014, pp. 451-454.

Demo1/2


News Aggregator
www.BANDICAM.com
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NEWS
HOME
ARCHIVES
PAGES
FEATURES
CONTACT
BANDICAM UNREGISTERED
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0 bytes / 38.5GB
Record / Stop
1920x1080 - (0, 0), (1920, 1080) - Display 1
Home
General
Video
Image
About
Get Started
Videos
Images
Screen Recording - Fullscreen
This mode allows you to record the whole screen of your display.
1. Choose a monitor to be captured.
2. Click the 'REC' button or press the record hotkey.
Stop recording
View online help
Record/Stop
F12
Image capture
F11
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BBC
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Link : https://www.bbc.co.uk/news/healt
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Coronavirus: Italy to close all schoo
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Boots halts Advantage Card payme
Link : https://www.bbc.co.uk/news/techr
Release of James Bond film No Tim
Link : https://www.bbc.co.uk/news/enter
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What's next for Pete Buttigieg?
Link : https://news.yahoo.com/whats-ne
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Link : https://news.yahoo.com/women-b
Doomsday Mom Invokes the Fifth a
Link : https://news.yahoo.com/doomsda
JPMorgan Chase is reportedly asking thousands of its employees to work from home to test a coronavirus contingency plan codenamed 'Project Kennedy'
Link : https://news.yahoo.com/jpmorgan-chase-reportedly-asking-thousands-224036033.html
What Bloomberg's $500m could have bought instead
Link : https://news.yahoo.com/bloombergs-500m-could-bought-instead-192151861.html
CNN
US coronavirus cases keep rising as New York confirms more infections and California sees first death
Type here to search
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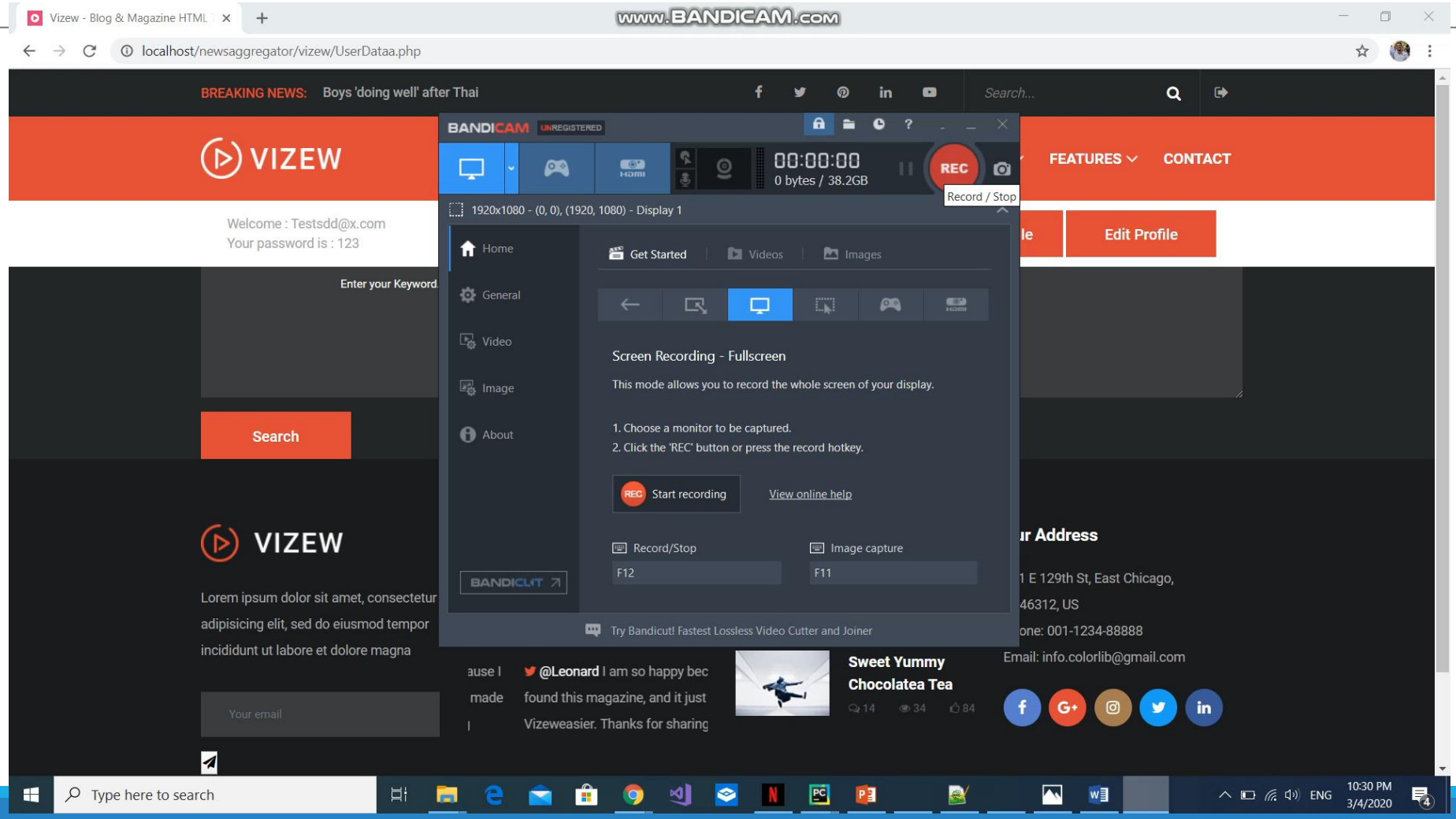
3/5/2020

Demo2/2


Vizew - Blog & Magazine HTML
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BREAKING NEWS: Boys 'doing well' after Thai
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Your password is : 123
Edit Profile
Enter your Keyword
Search
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1. Choose a monitor to be captured.
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View online help
Record/Stop
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Image capture
F11
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Any Questions ?

Thank
you!