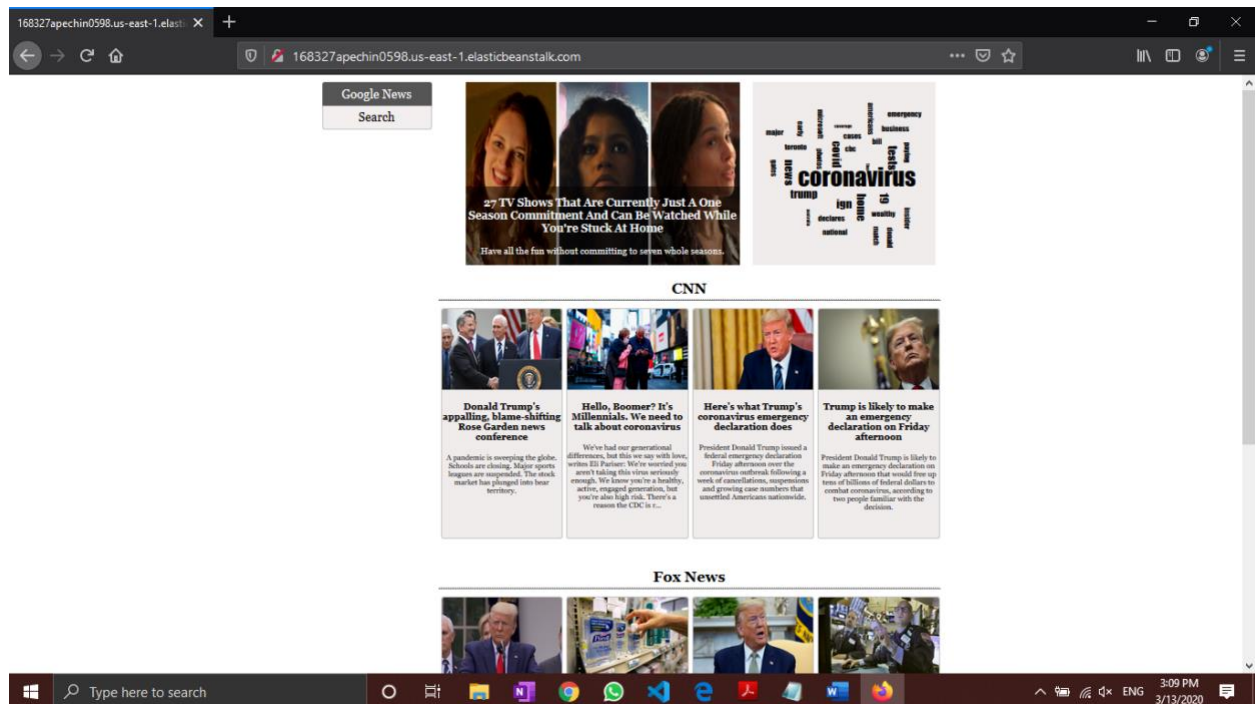


# Technologies used

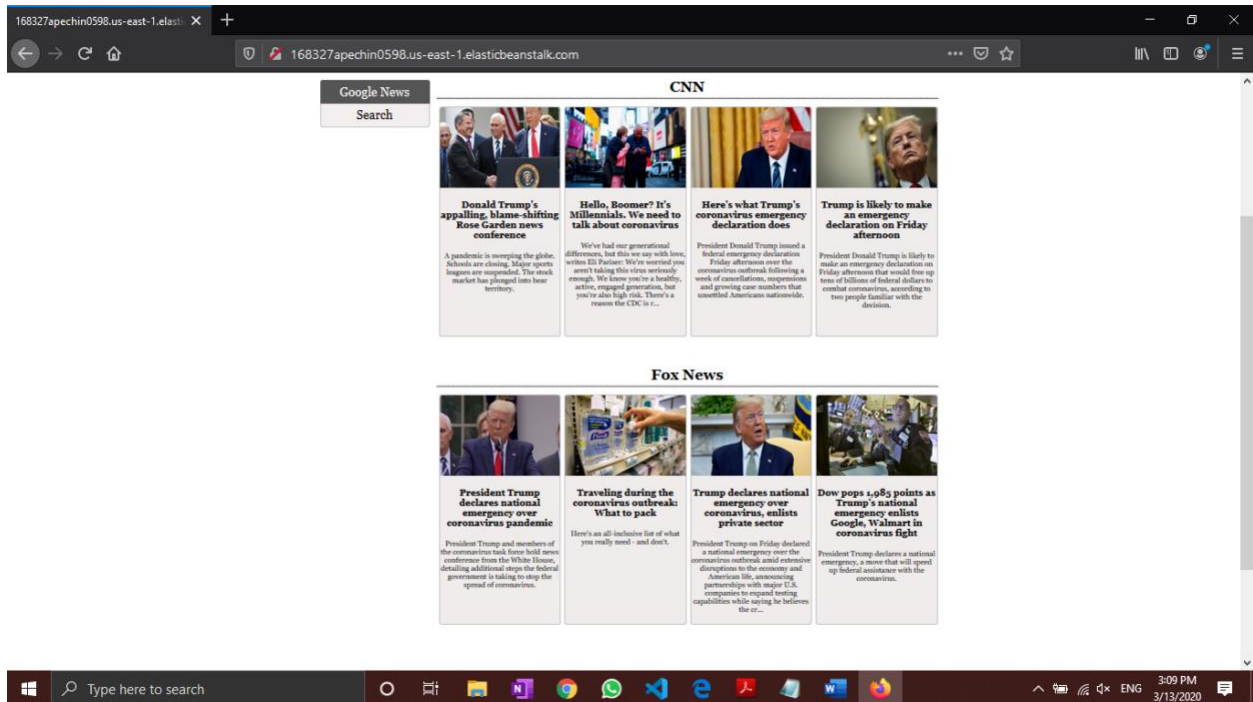
- Python
- Flask
- Google news api
- JavaScript
- HTML
- CSS
- AWS
- D3.js

The javascript, HTML and css codes are in the static folder.

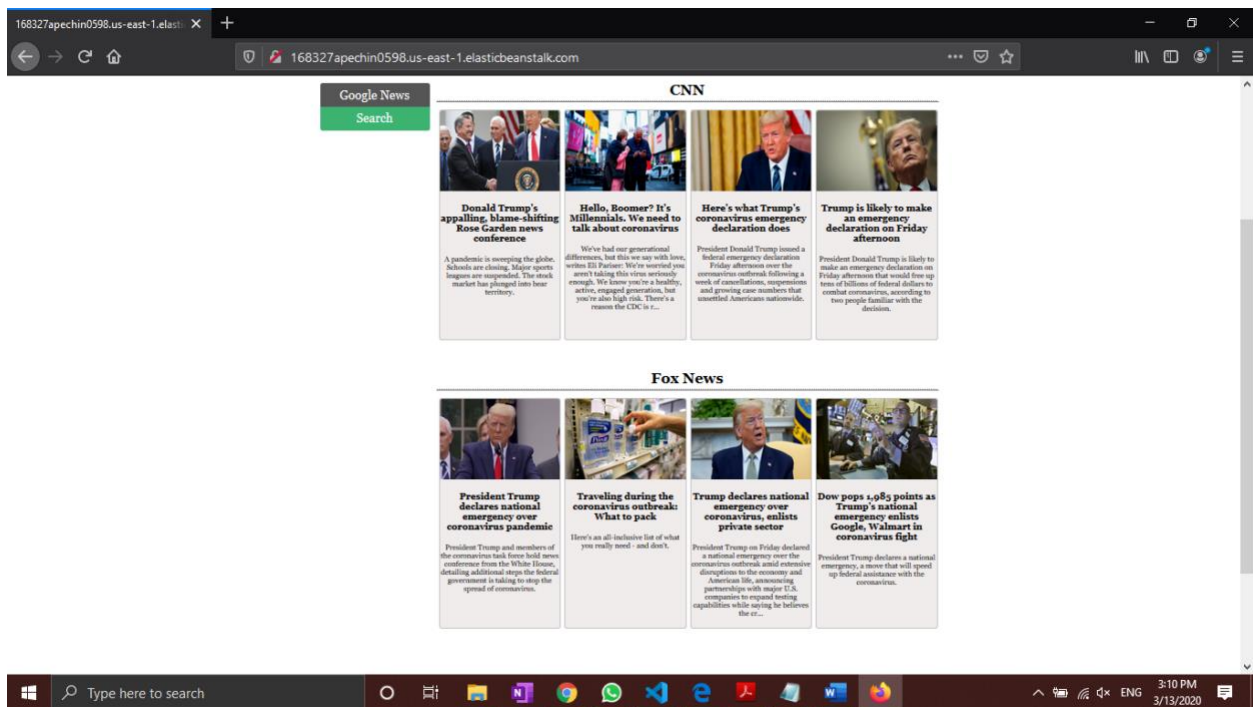
## Screenshots and Corresponding descriptions



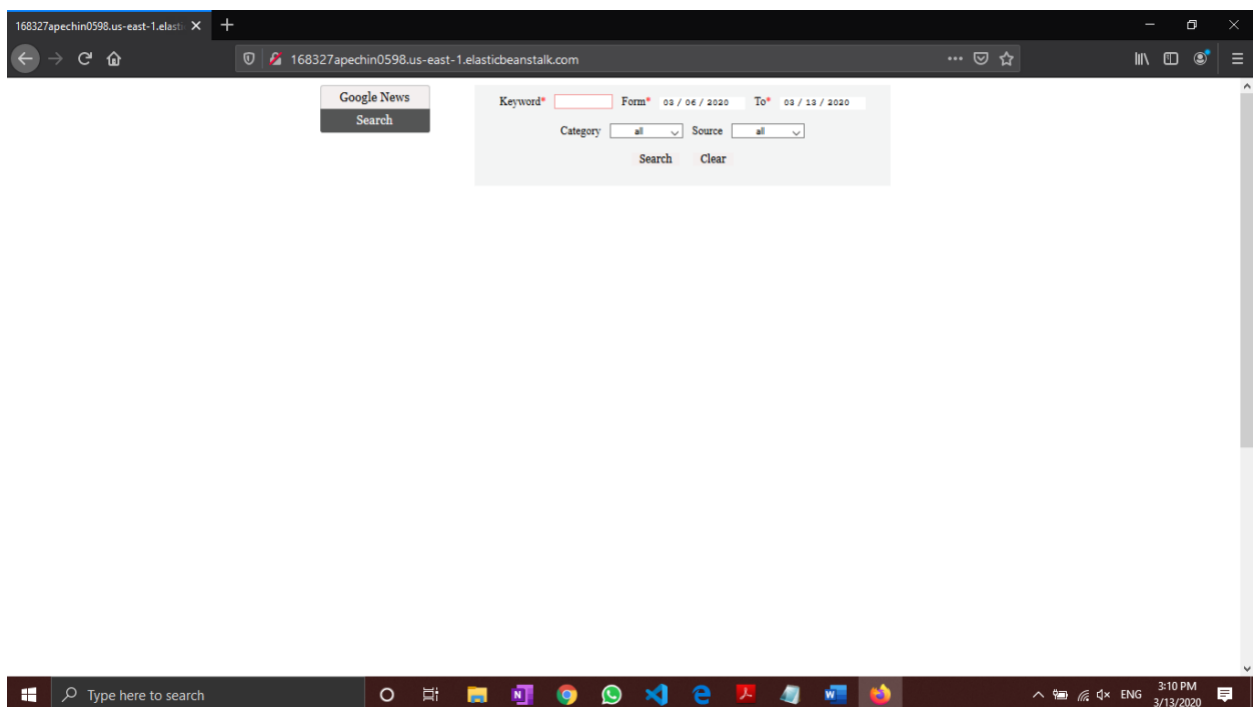
Homepage: News Slide (Clickable: goes to corresponding news article), Word Cloud, CNN and Fox news cards (Clickable: goes to corresponding news article)



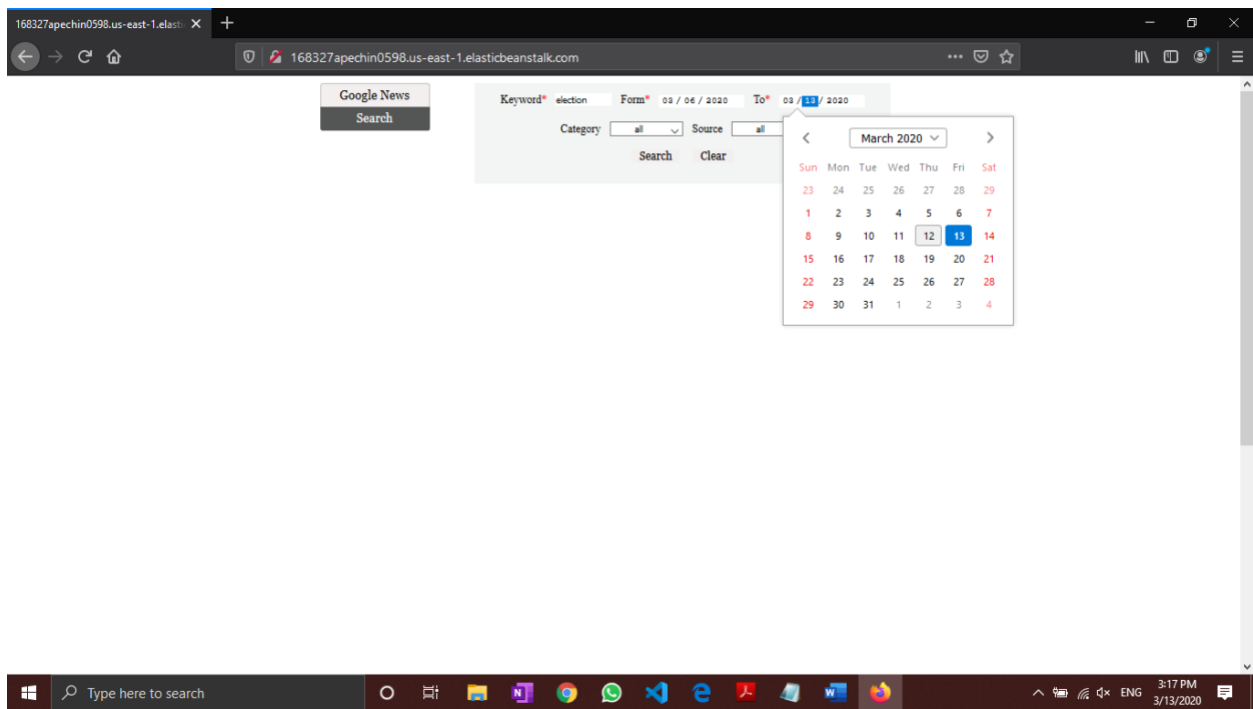
Scrollable with the buttons static



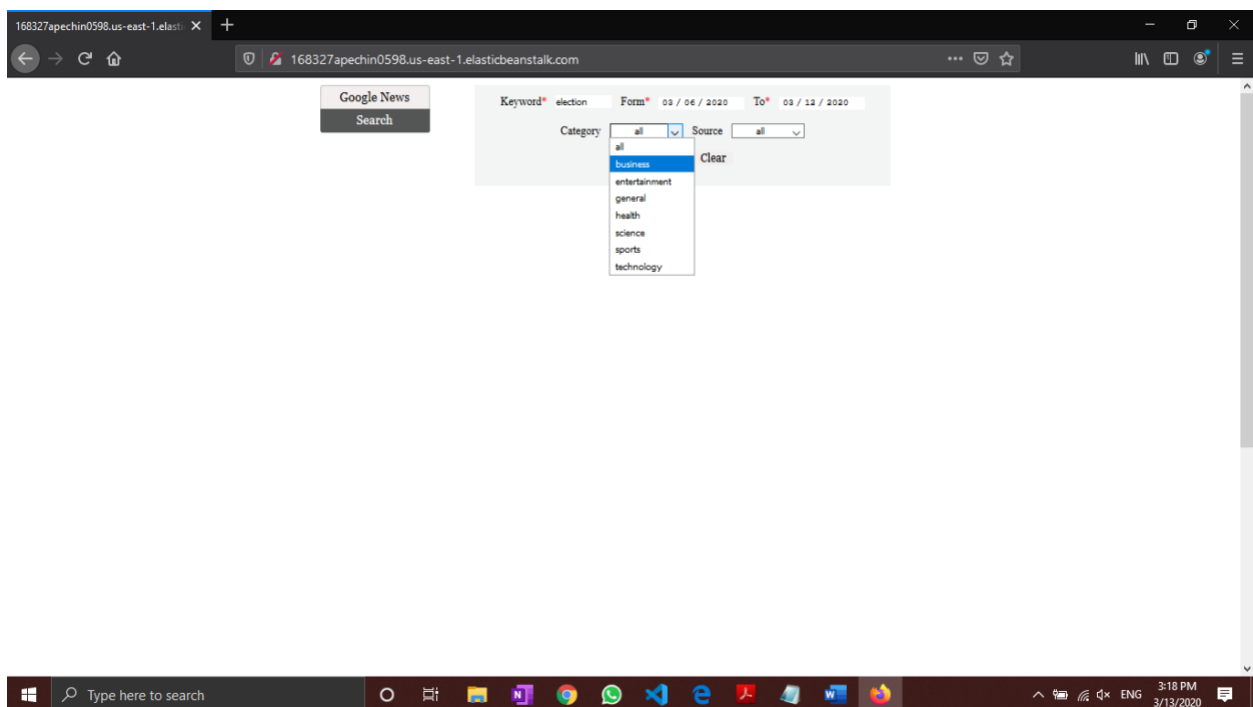
Hover effect on buttons



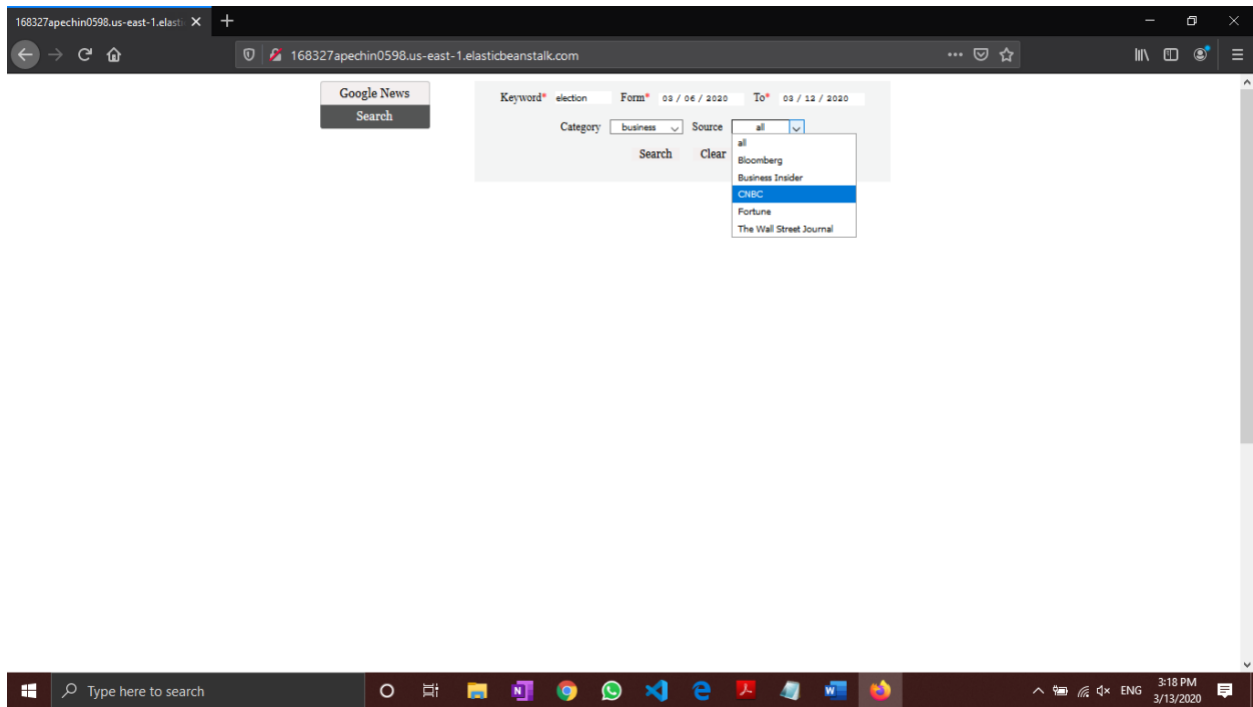
On clicking Search button we get the searched news form



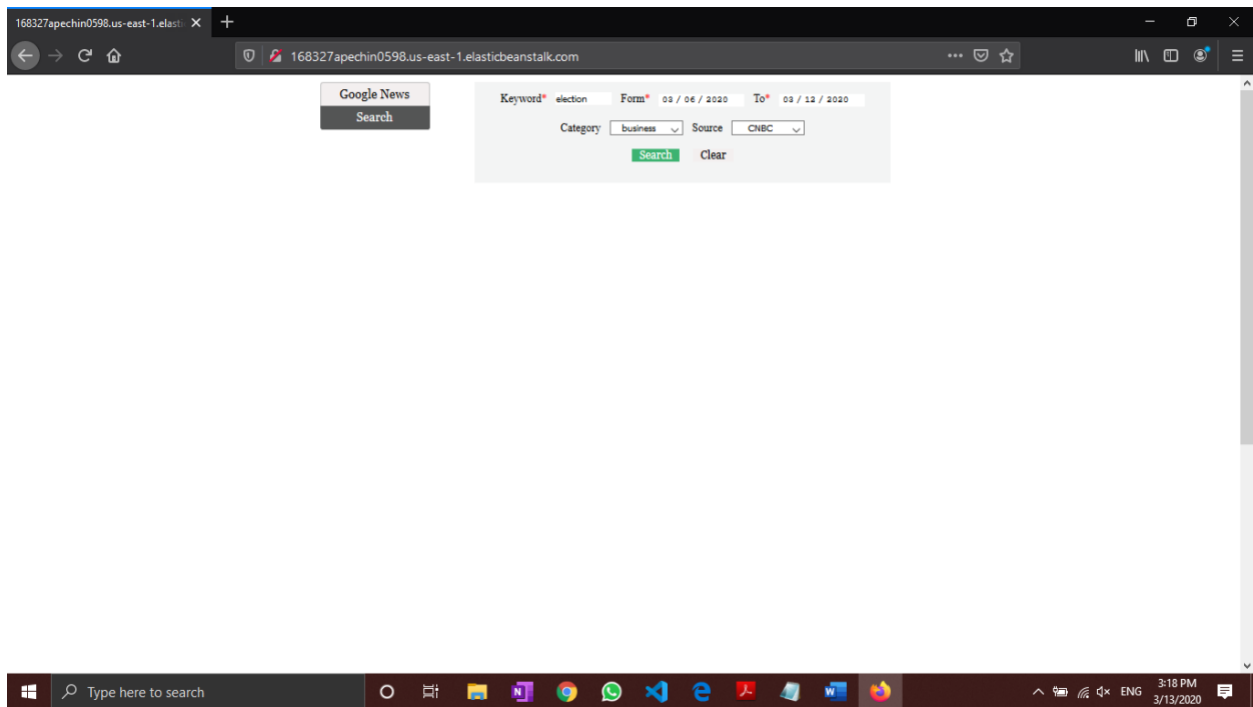
Entering required fields keyword, from date and to date



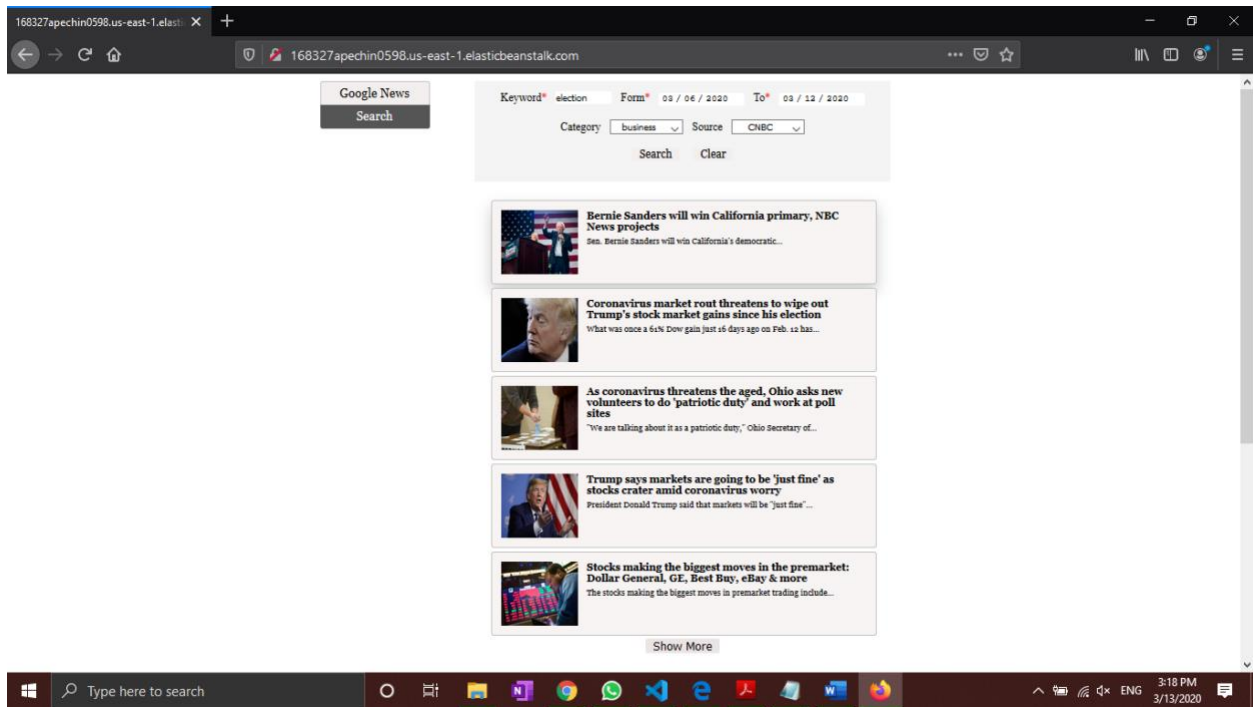
Selecting the category will in turn populate the sources corresponding to this category selection



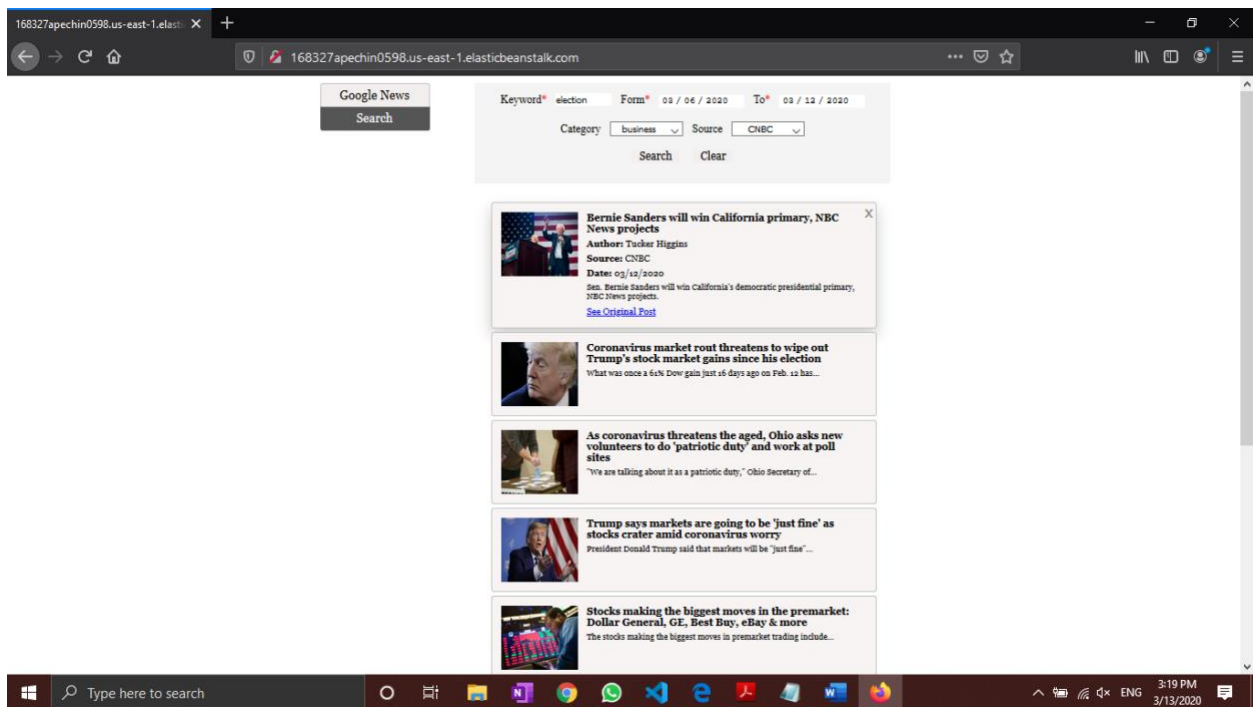
The source dropdown with the sources corresponding to category selected



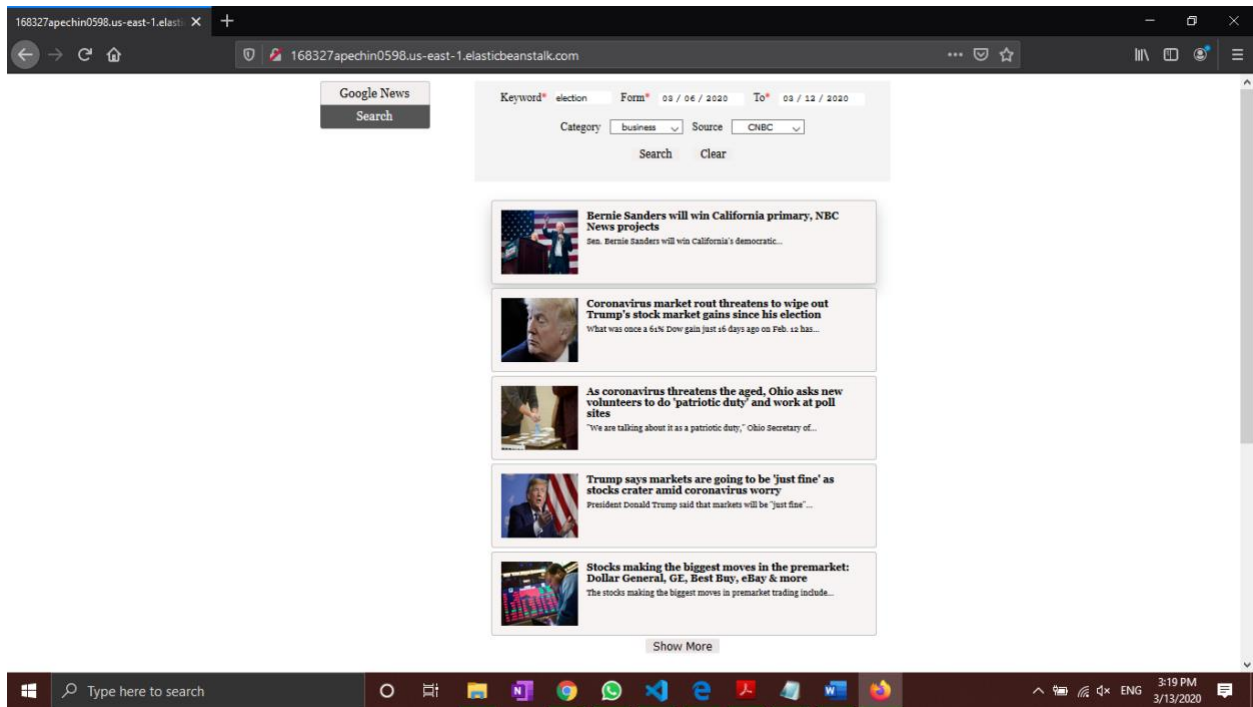
Clicking on search button



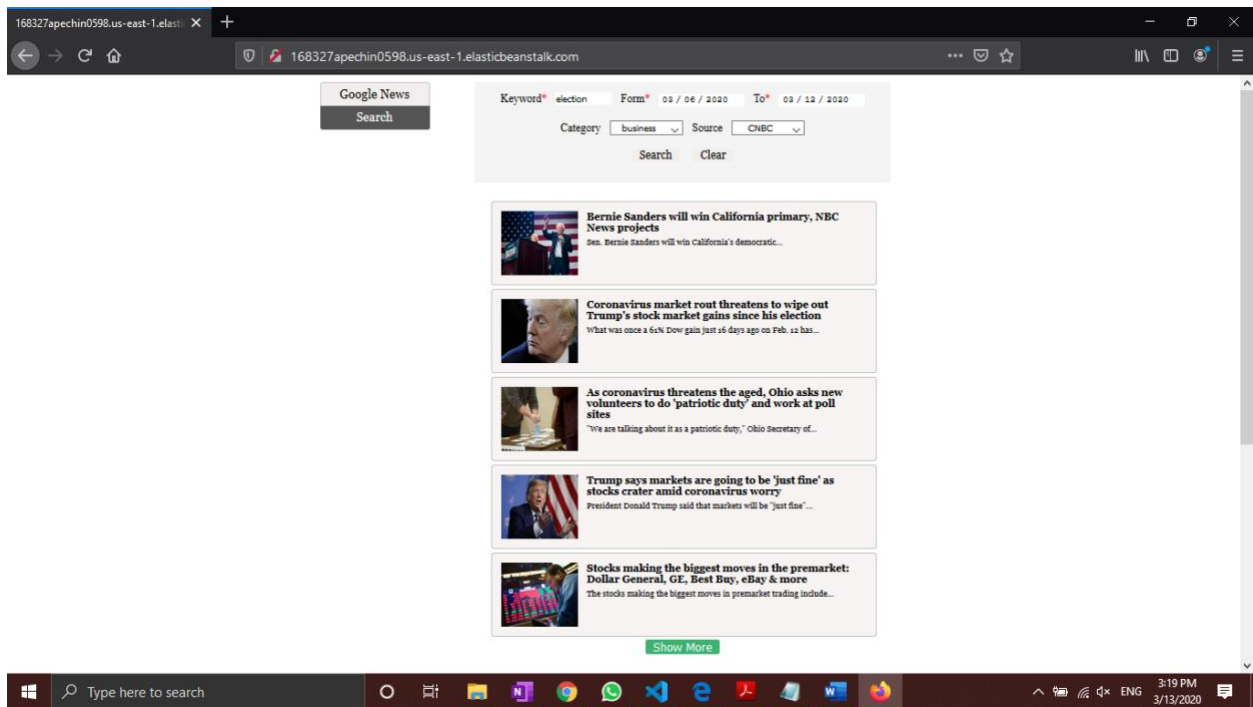
News cards corresponding to the search parameters



Card expands on being clicked

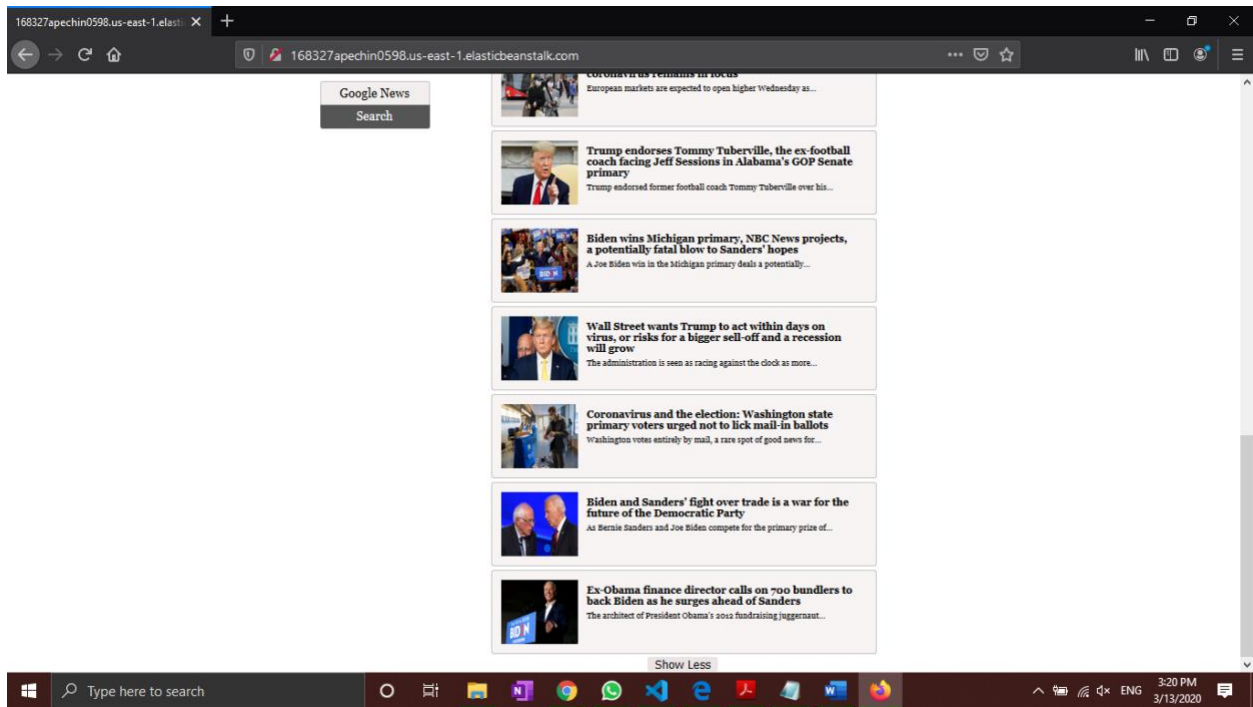


Clicking on 'x' on the top right corner collapses the card

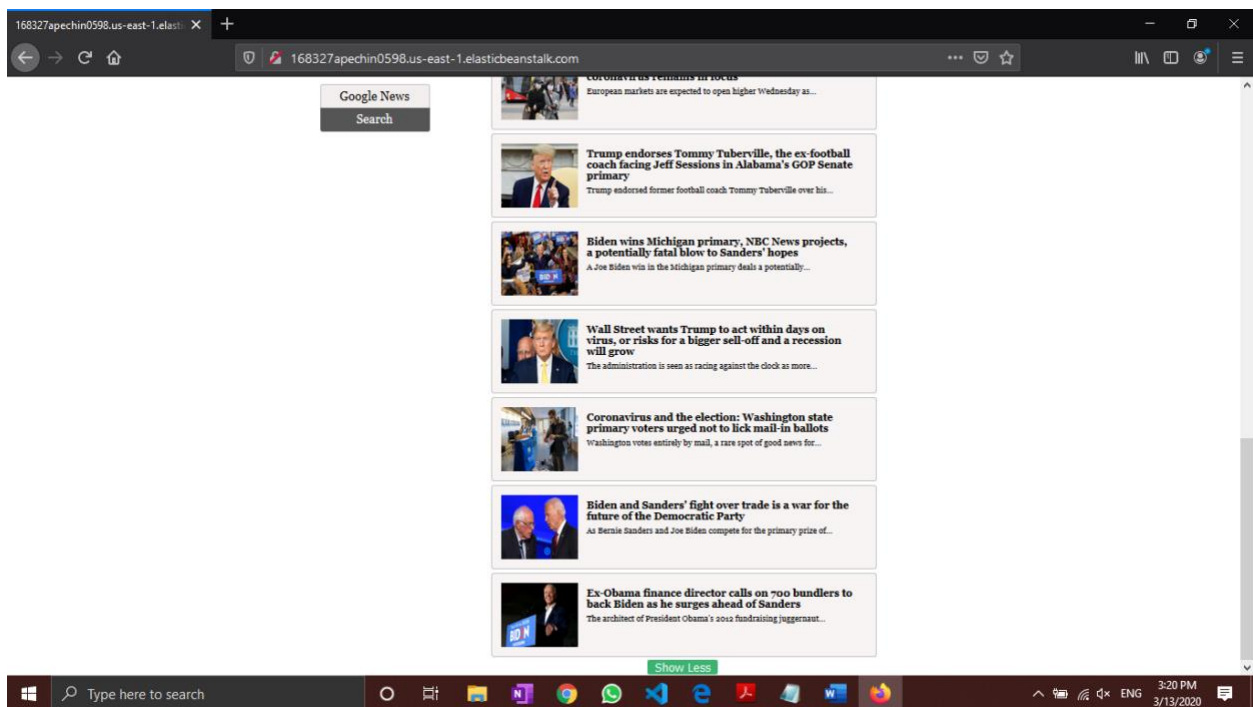


Show more button to display more than 5 news cards



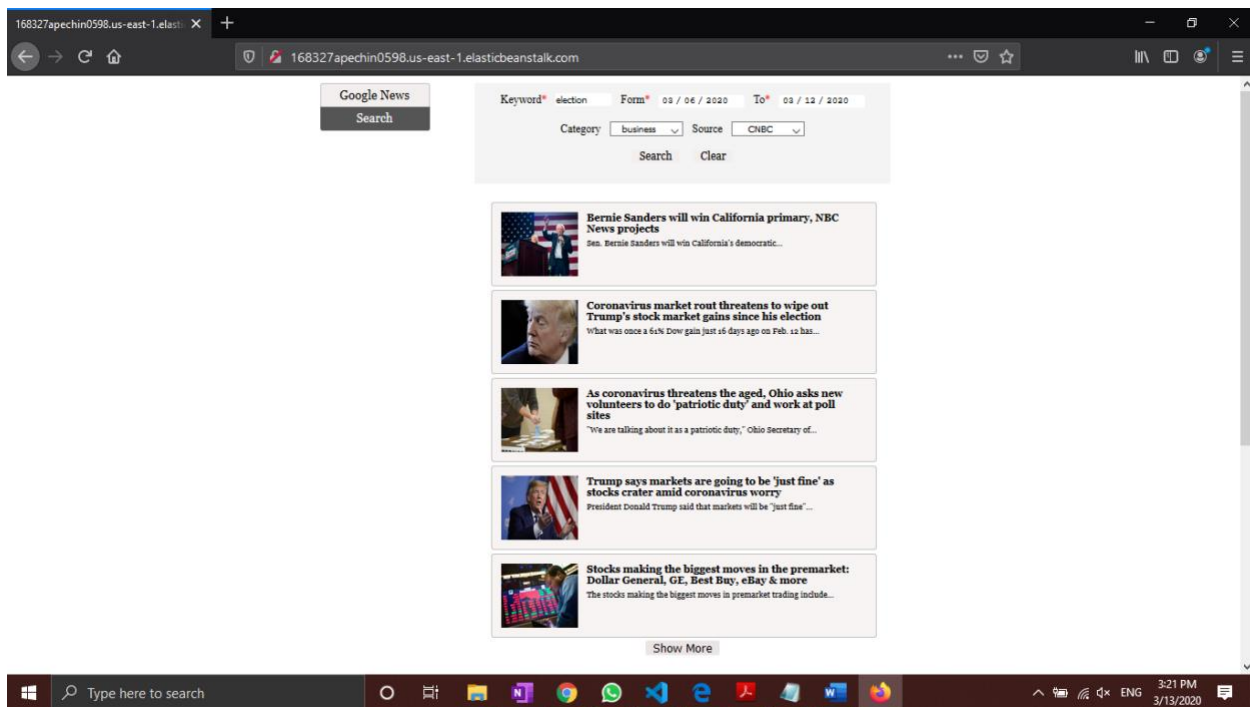


Up to 10 more cards displayed on clicking show more button

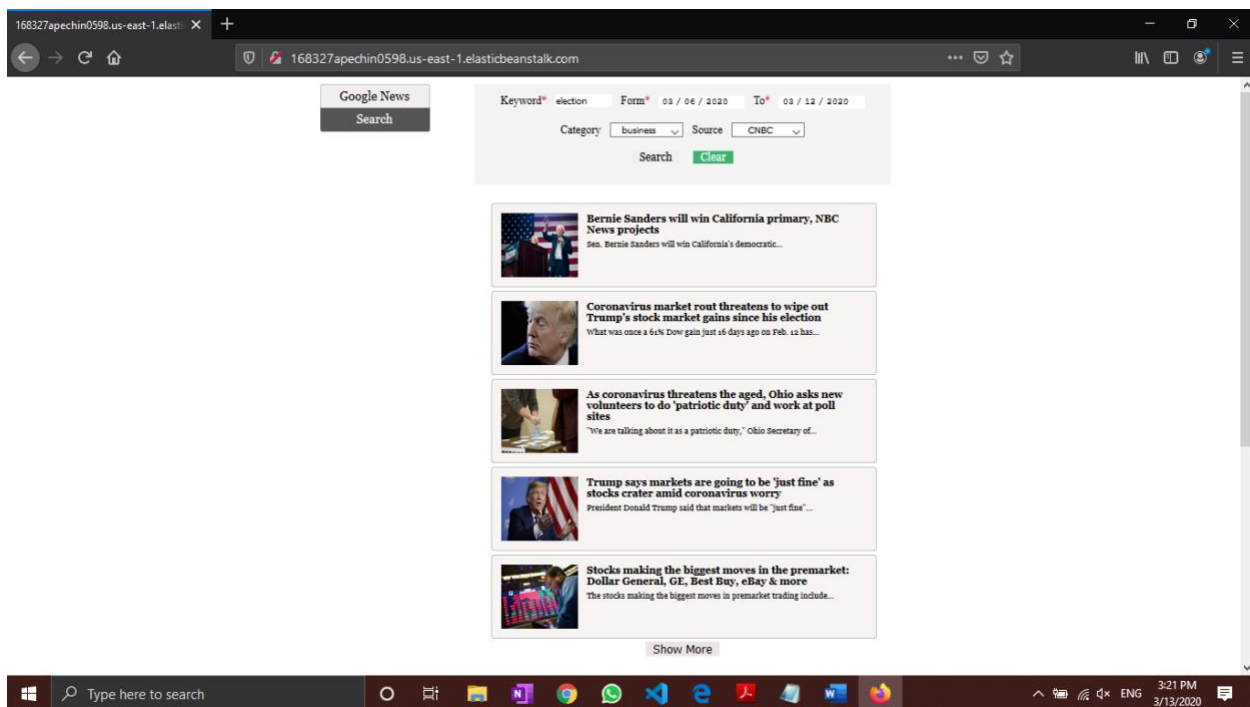


Show less button to remove excess cards

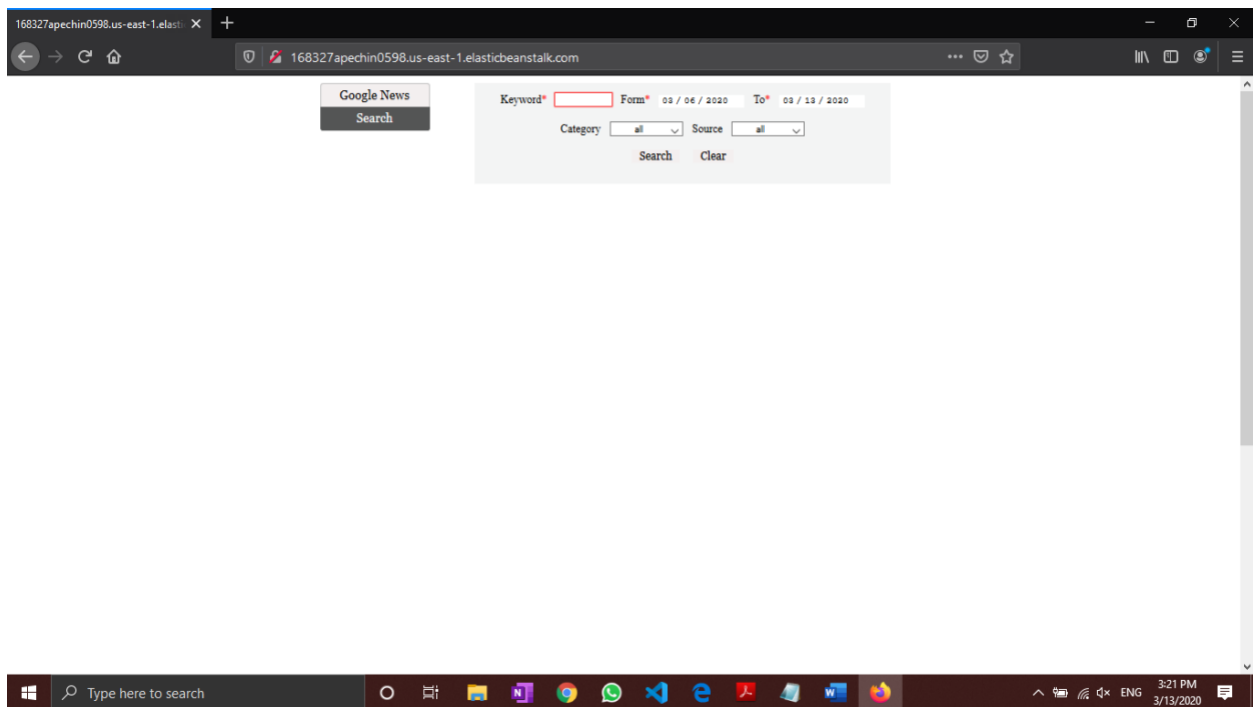




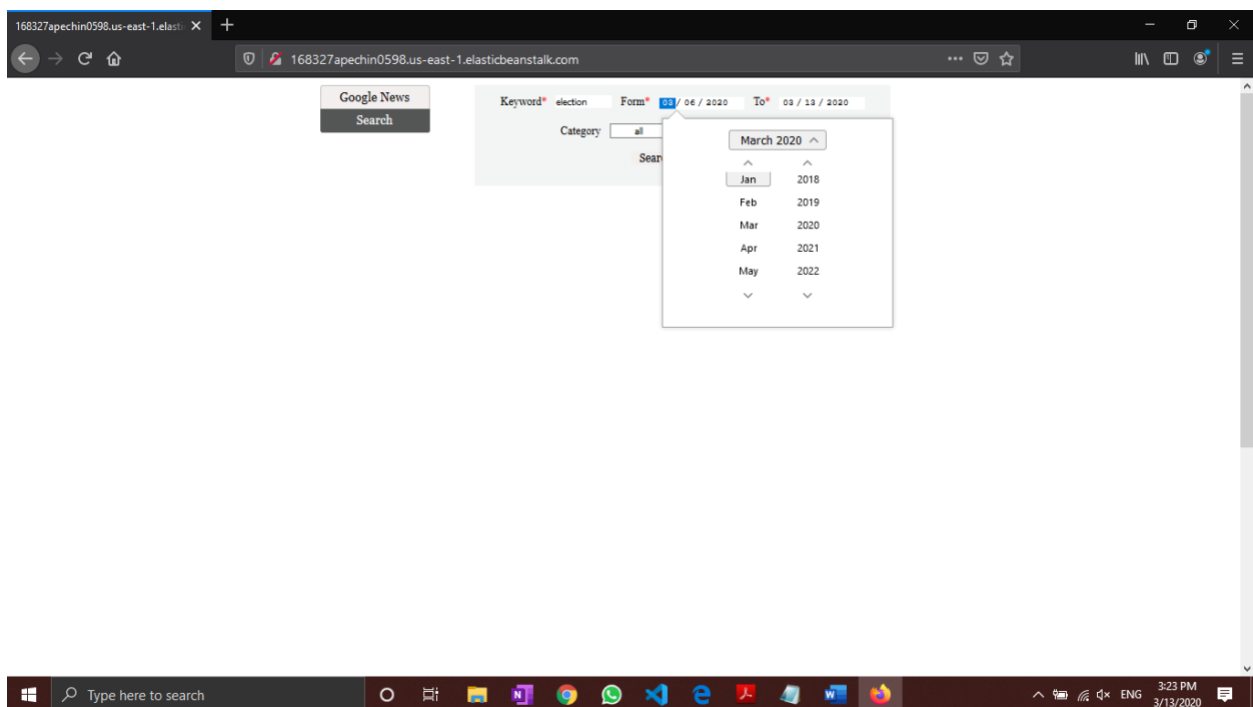
Display after clicking on show less



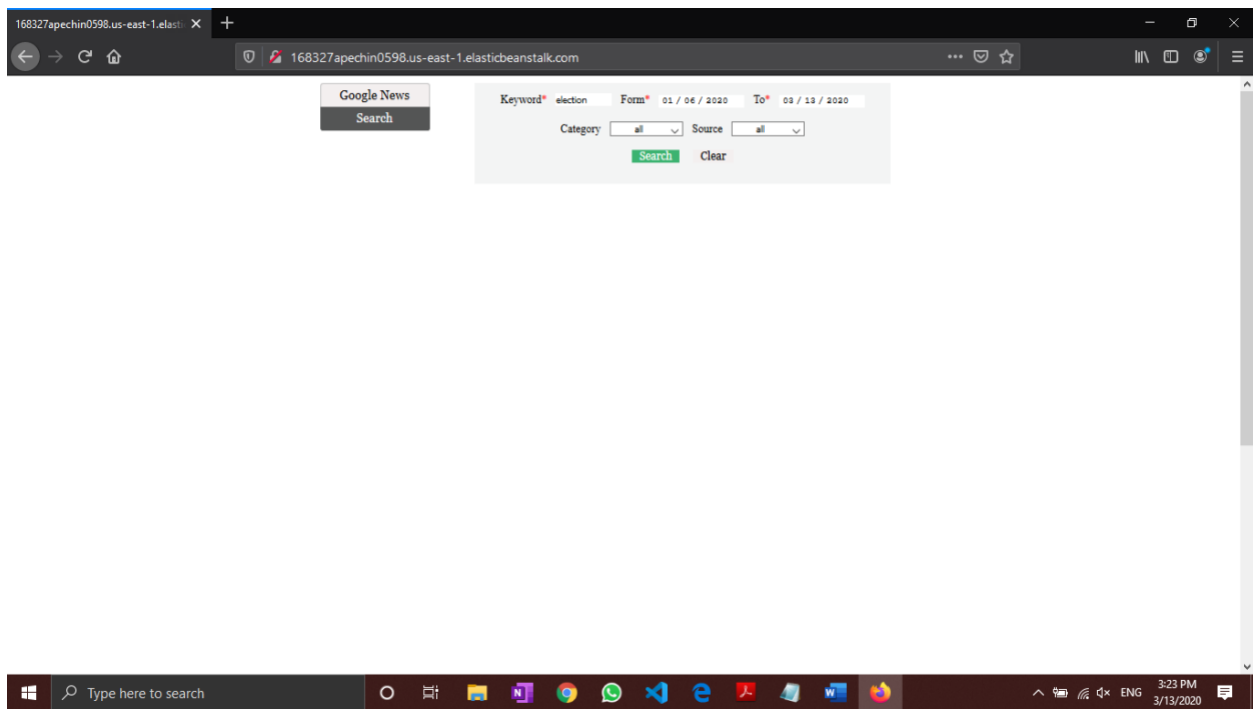
Clear button to reset all contents



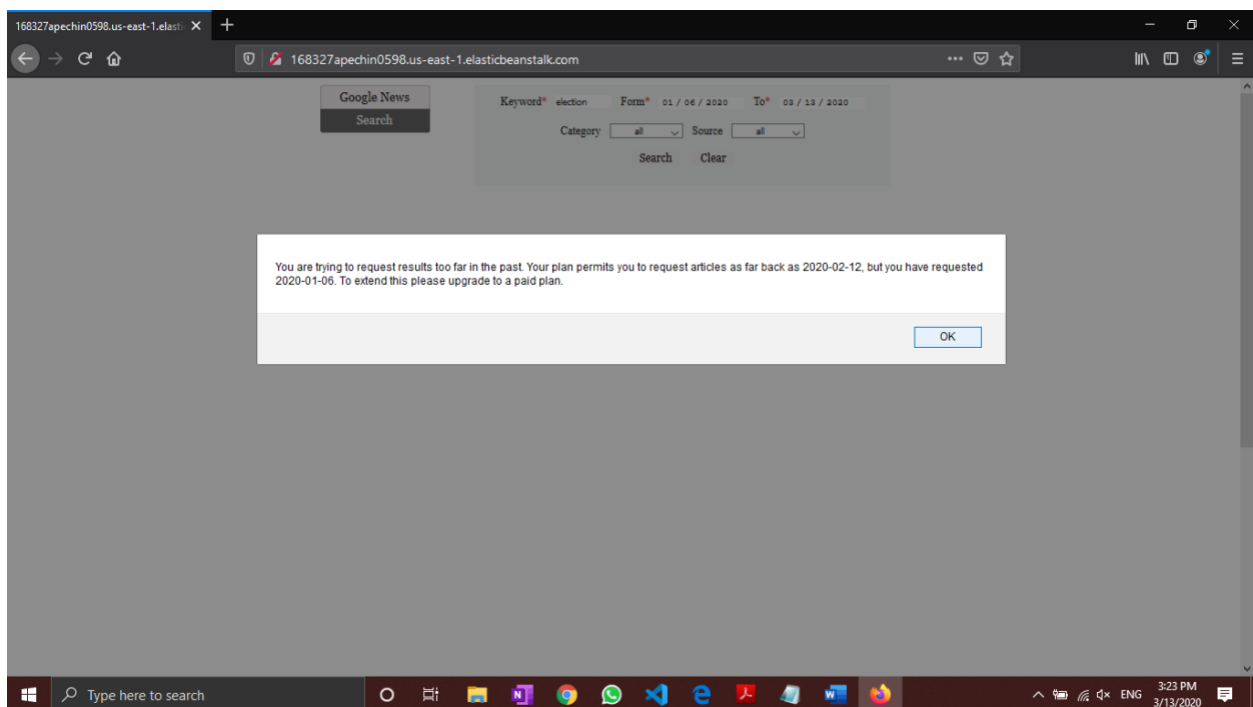
On clicking clear button all results are removed and form fields go back to defaults



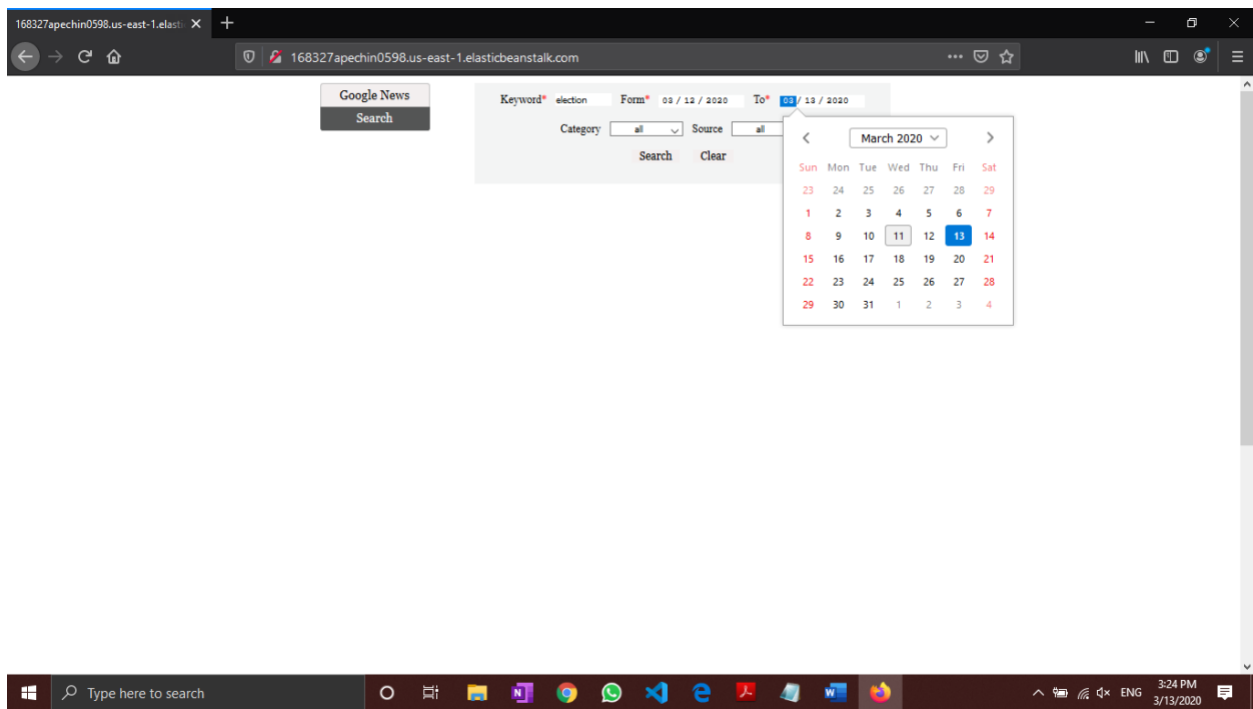
Selecting a from date more than one month back from the to date



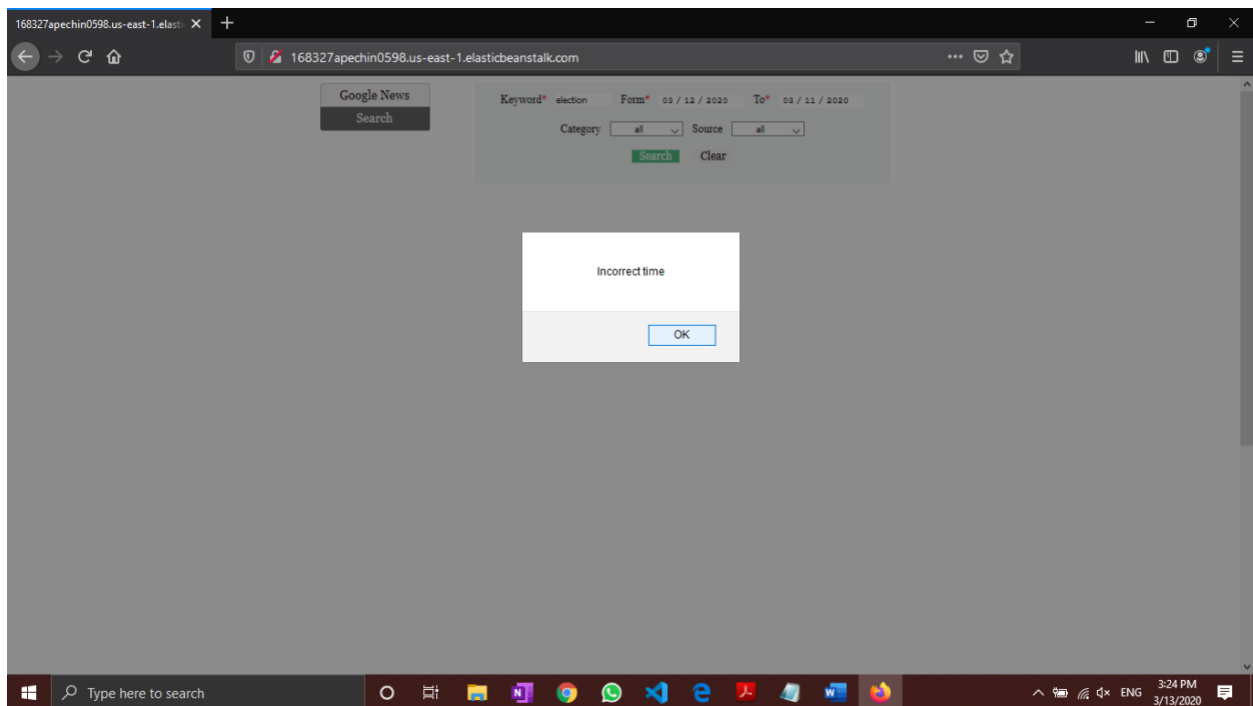
Clicking on search while having out of range dates



Resulting alert with the message sent by the google news api



Selecting to date to be before from date



Selecting to date to be before from date results in an alert stating invalid time