

# User Manual: BIG NEWS

## COMS W4170: User Interface Design

### Team: Bow Flex Designers

#### Team Members

Waseem Ilahi ([wki2001@columbia.edu](mailto:wki2001@columbia.edu))

Michael Glass ([mgg2102@columbia.edu](mailto:mgg2102@columbia.edu))

David Flerlage ([dff2103@columbia.edu](mailto:dff2103@columbia.edu))

BigNews

AllBusinessEntertainmentHealthPoliticsScientificSportsUnited StatesWorldLocalIT

Search

Adjust Font Size

Top Headlines

Watch live: Officials hold news conference on status of search for missing Mount Hood climbers

Aircraft fails to find missing Mount Hood climbers

A cloud formed Sunday over Mount Hood where two of three climbers were still missing. Severe weather was hampering search efforts after the body of one climber was recovered. GOVERNMENT CAMP, Ore. (AP) — Rescuers on Mount Hood who have recovered the body of one climber say "time is critical" in ...

Clinton: Iran charges on US hikers unfounded

Secretary of State Hillary Rodham Clinton said Monday that Iranian charges against three detained Americans are "totally unfounded" and appealed anew to authorities in Iran to release them. Clinton said the three were in no way involved in any questionable activity and were simply hiking near the ...

Final divorce hearing for SC gov, wife set for Feb

CHARLESTON, S.C.—A final hearing on Jenny Sanford's request for a divorce from South Carolina Gov. Mark Sanford is set for February. Charleston County Family Court records show a hearing will be Feb. 26. The first lady filed for divorce last Friday from her husband of 20 years. She said they had ...

Obama meets with 'fat cat bankers'

WASHINGTON - President Barack Obama is asking bank executives to support his efforts to tighten the U.S. financial industry, while bankers are prepared to tell the president he should stop oversimplifying their concerns if he wants good-faith collaboration. An hourlong meeting between the president ...

Stocks edge higher after Dubai, Exxon deals

Stocks edged higher Monday after a bailout of the troubled emirate of Dubai helped allay concerns that another wave of global credit problems might be on the way. Investors were also encouraged by the latest evidence of a rebound in big corporate dealmaking. Exxon Mobil Corp.'s \$31 billion purchase ...

Thousands Evacuate After Gas Leak in Central Ohio

Officials say a gas leak has forced about 4,000 workers to evacuate an industrial area of Columbus, Ohio. Fire Battalion Chief David Whiting says firefighters were called at about 8 a.m. to Heartland Petroleum after a leak of hydrogen and hydrogen sulfide. Whiting says emergency medical crews ...

How private are texts from your work phone? Supreme Court to review

WASHINGTON — The U.S. Supreme Court said Monday it will decide how much privacy workers have when they send text messages from company accounts. The justices said they will review a federal appeals court ruling that sided with California police officers who complained that the department ...

Alabama's Ingram wins Heisman

NEW YORK (AP) — Mark Ingram completed the trophy case at Alabama, delivering the first Heisman to a school that boasts one of the richest histories in college football. The tough-running sophomore tailback turned fearful after winning the Heisman Trophy on Saturday night in the closest vote in the ...

Study shows pot more popular among teenagers

DETROIT (AP) — Smoking marijuana is becoming even more popular among U.S. teens and they have cut down on smoking cigarettes, binge drinking and using methamphetamine, according to a federal survey released Monday. More teens also are getting high on prescription pain pills and attention-deficit ...

'Hurt Locker' wins LA Critics' best-picture prize

The Iraq War drama "The Hurt Locker" was chosen as the year's best picture Sunday by the Los Angeles Film Critics Association. The film also won the group's best-director honor for Kathryn Bigelow. The group named Jeff Bridges as best actor for the country-music tale "Crazy Heart" and Yolande Moreau ...

Done

Computer | Protected Mode: Off

100%

## Introduction

This document lists the basic functionality provided by BigNews. Then it briefly tries to state how to use each of these functionalities.

When the application starts up, it shows the current headlines (title + snippet). At the top of UI, at the left side, there is a list of selection choices, so the user can search for a specific category. Below it, is the search box, which the user can type in the search terms. Next to it is the search button. To the right,, there is a slider, this slider allows the user to change the size of the text on the screen.

Here is a list of possible things a user can do from this point on.

### 1. Read the Article

If the user wants to read an article they like, they have to double click on the article. This opens up a new browser window. The original BigNews window stays the same. After the user is done reading the article, they can simply close the window and come back to the BigNews.

### 2. Adjust Text Size

At the top right of “every” page inside the BigNews, is a horizontal slider. The user can increase the size of the text, by moving the slider to the right. Similarly, the size of the text can be decreased by sliding the slider to the left.

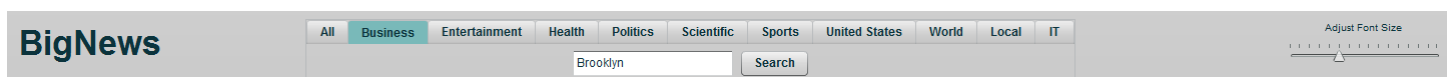
### 3. Select Category

Originally the category “all” is selected. As the name represents, this category searches the news, regardless of any specific category. There are ten other options, the user can select from. The user clicks on a category for the future searches to be in that category.

### 4. Search (request and response)

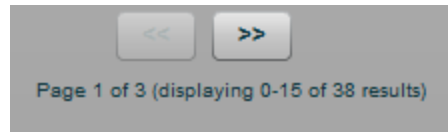
Now that the user has selected the category they want to search in, they can simply type in the term(s), they want to search for and click the search button next to the search box.

When the user searches for something, the response shows up in a little different view. The search results are not in the square boxes anymore. However, to read the whole article, the user has to do the same thing, double click on it. The effect of this is the same as double clicking on the article from the headlines “view”.



## 5. Pagination

Top fifteen search results are shown on the main results window. To view more results, the user can click on the “>>” button at the bottom of the screen. The current page number is shown under it for the user to know, where they are in navigation of the results. Similarly “<<” button can be used to move back.

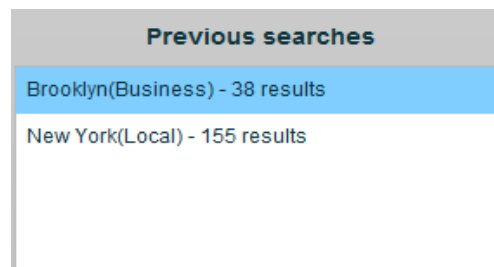


## 6. Sort the Results

Originally we planned to provide the functionality for sorting the search results, according to their date of publication, but we have decided to drop the option. The search results are sorted by relevance. However, within each relevance group, the most recent one comes before the others.

## 7. Previous Searches

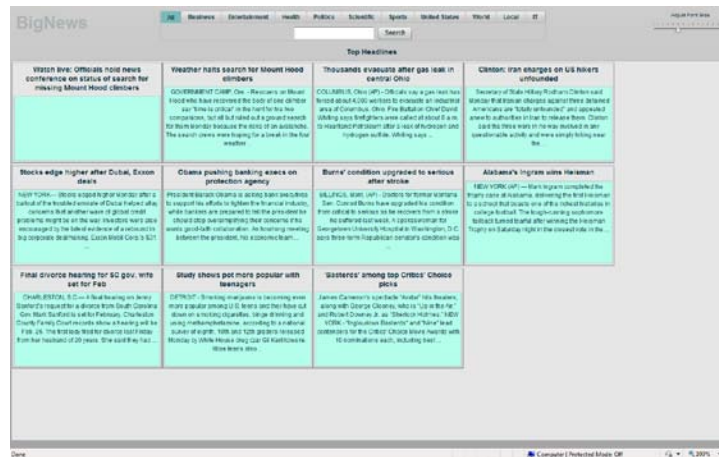
BigNews also shows the recent searches (for current session) in the “list” to the right of the currently visible searches. The user can make multiple search requests and then toggle among them. If the user clicks on any one of the search terms on the right, the results for that search term get loaded to the left and the user can navigate through them the same way.



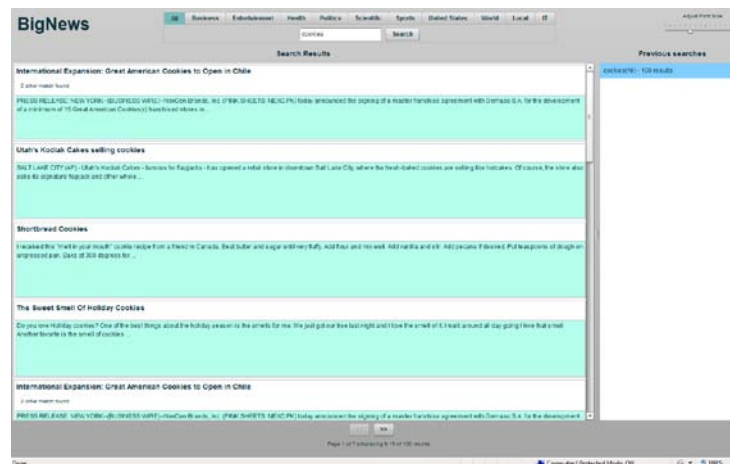
These are the basic user manipulated functionalities BigNews supports. Here, is a scenario for a user “Tootsie Glass” searching for “cookies” then for “Ellan Glass” and then using the “Previous Search” pan, going back to the search results for cookies.

**P – T – O →**

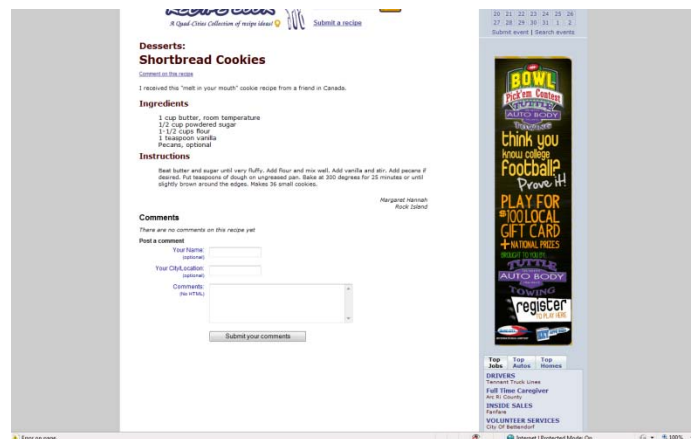
Main screen when the application loads.



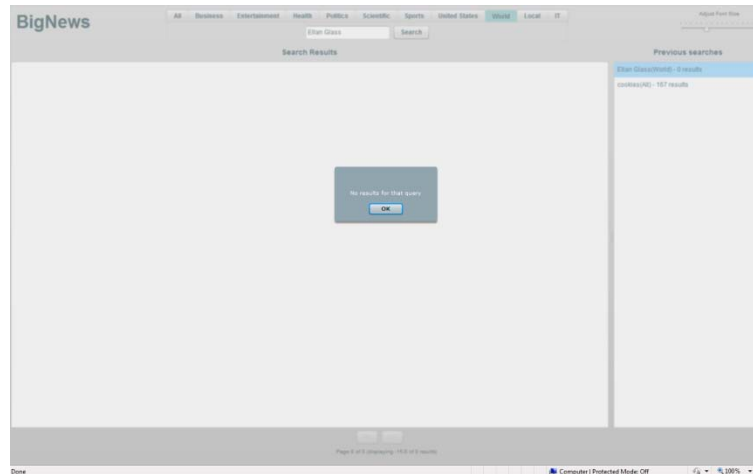
Tootsie types in “cookies” and clicks search. The following screen shows up.



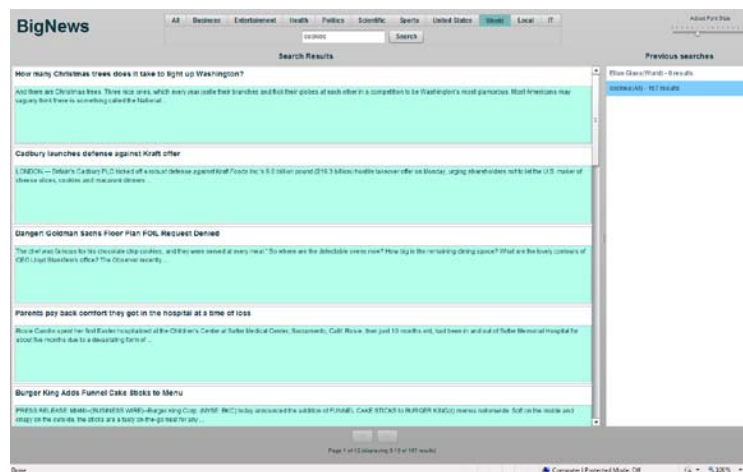
From the search results, Tootsie double clicks the one she likes. This opens up another browser windows, provided below.



Tootsie goes back to BigNews, and types in “Ellan Glass” in the search box and clicks search. The following screen comes up.



Tootsie clicks on the “cookies” entry in the “previous searches” to open the previous search. The following page shows up.



THE END