

# **Newspector User's Manual & Installation Instructions**

## **Installation Instructions**

The apk of the application will be provided, so in order to install the APK, we first need to enable APK Installs on the device.

### **For Android 8 and above**

#### **On non-Samsung devices:**

- 1) Go to your phone's Settings.
- 2) Go to Security & privacy > More settings.
- 3) Tap on Install apps from external sources.
- 4) Select the application you want to download the APK files from.
- 5) Toggle Allow app installs ON.

#### **On Samsung devices:**

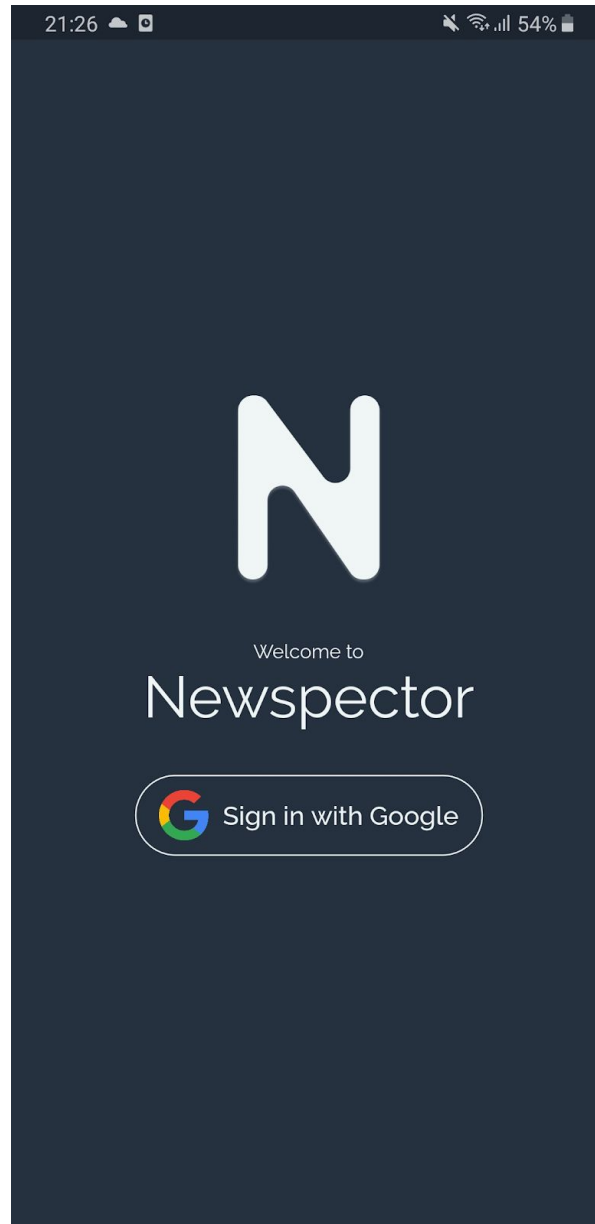
- 1) Go to your phone's Settings.
- 2) Go to Biometrics and security > Install unknown apps.
- 3) Select the application you want to download the APK files from.
- 4) Toggle Allow app installs ON.

### **For versions earlier than Android 8**

- 1) Go to your phone's Settings.
- 2) Tap Security.
- 3) Under Device administration, toggle Unknown sources ON.

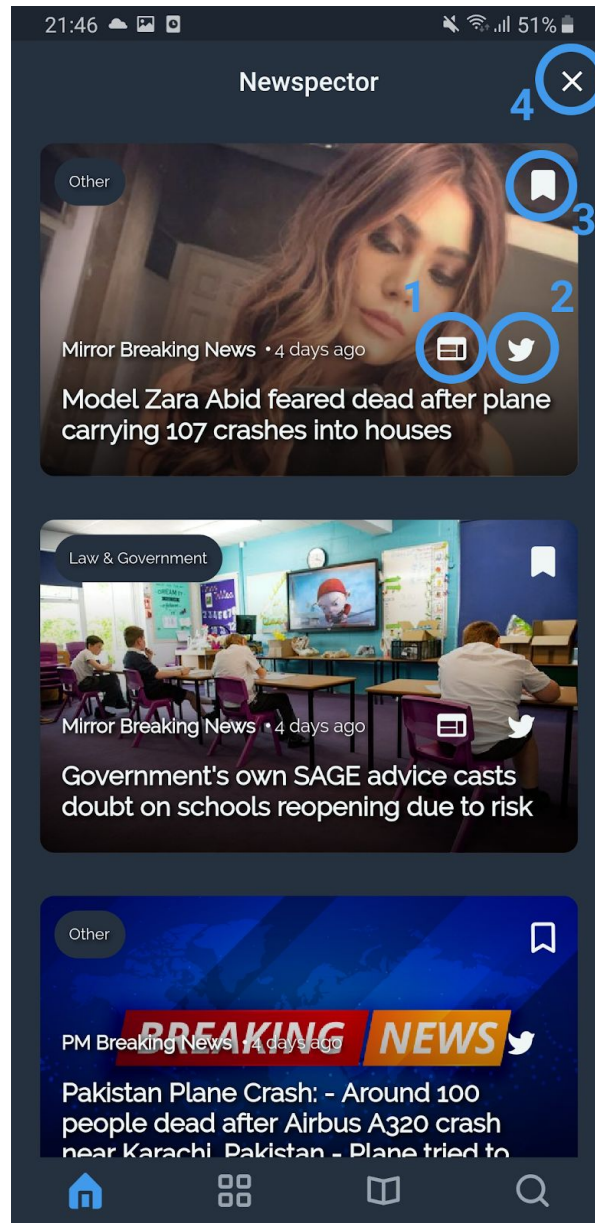
After enabling APK Installs on the device we can install the APK of the application.

## User's Manual



**Figure 1 - Sign Page**

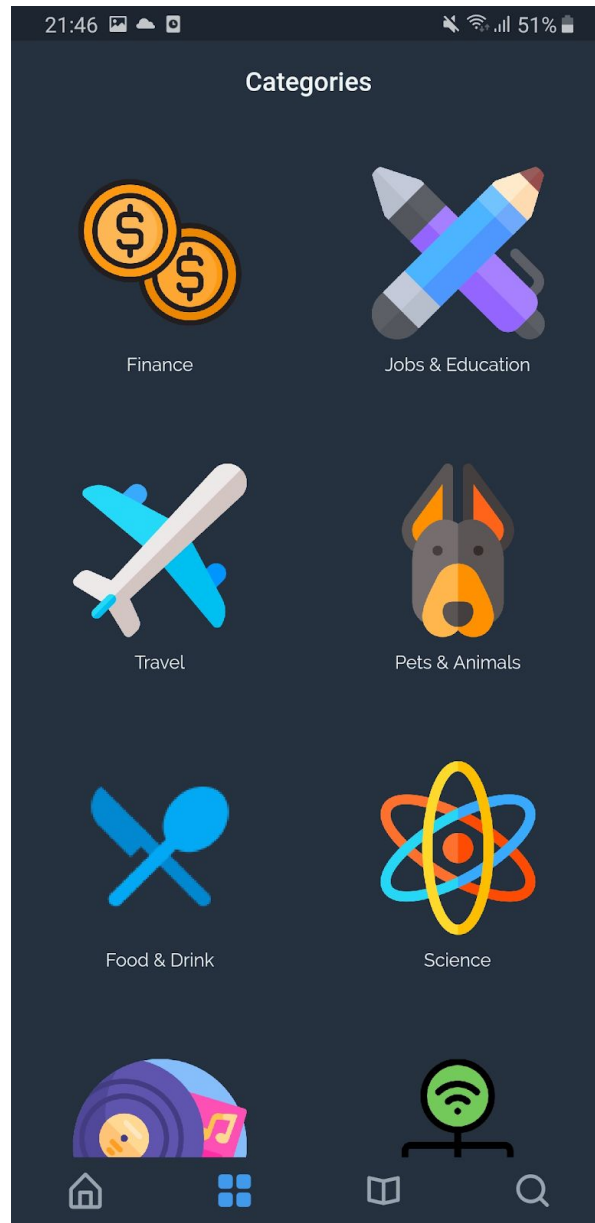
This is the first page of the application. In order to use the application, the user needs to sign in with Google.



**Figure 2 - Home Page**

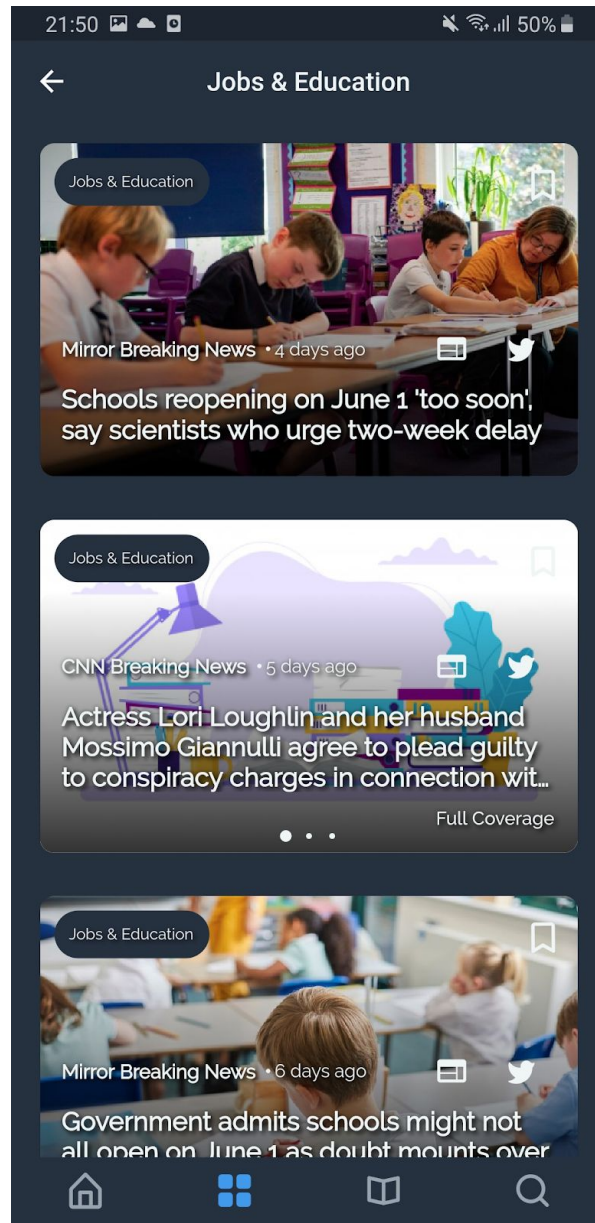
After signing in, the home page shows up. This page displays the latest newsgroups in our application. Each news story is displayed in cards with extra information. The user can see other news stories in the same newsgroup by swiping left and right.

- By tapping the button number 1, the user can view the entire news story inside the application on the website of the news source.
- By tapping the button number 2, the user can view the tweet that was shared about this story by the news source on twitter.
- By tapping the button number 3, the user can follow this newsgroup, so that when a new story is published about the same event, the user will be notified.
- These buttons function the same for the rest of the application.



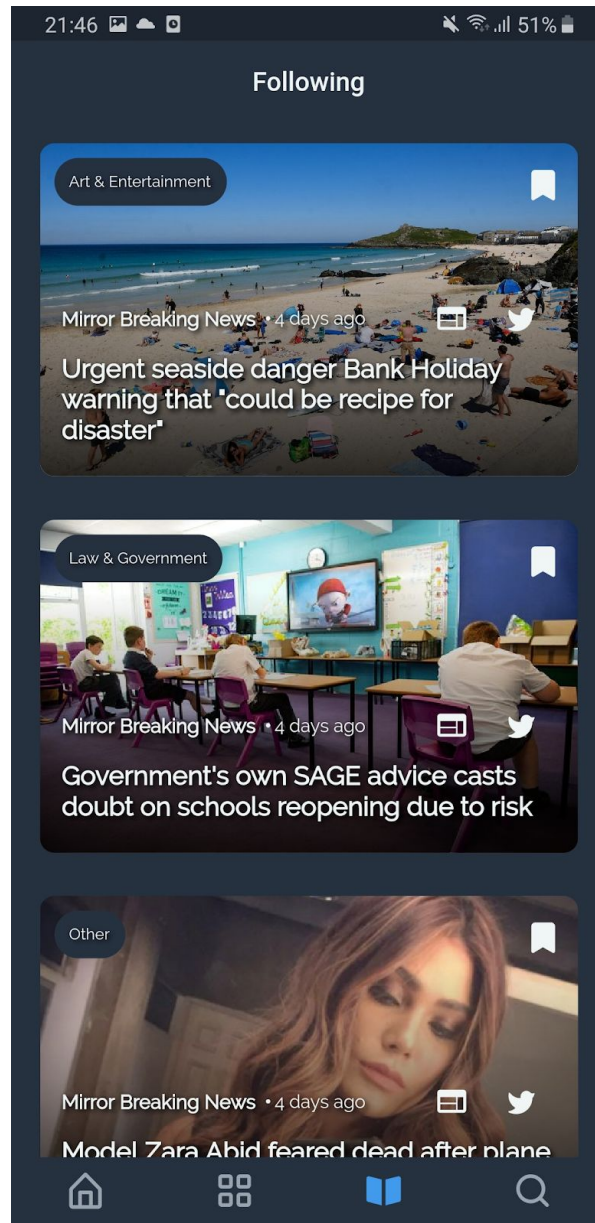
**Figure 3 - Categories Page**

This is the categories page. The users can see every category in our application and by tapping on one of the categories they can view the newsgroups about that category.



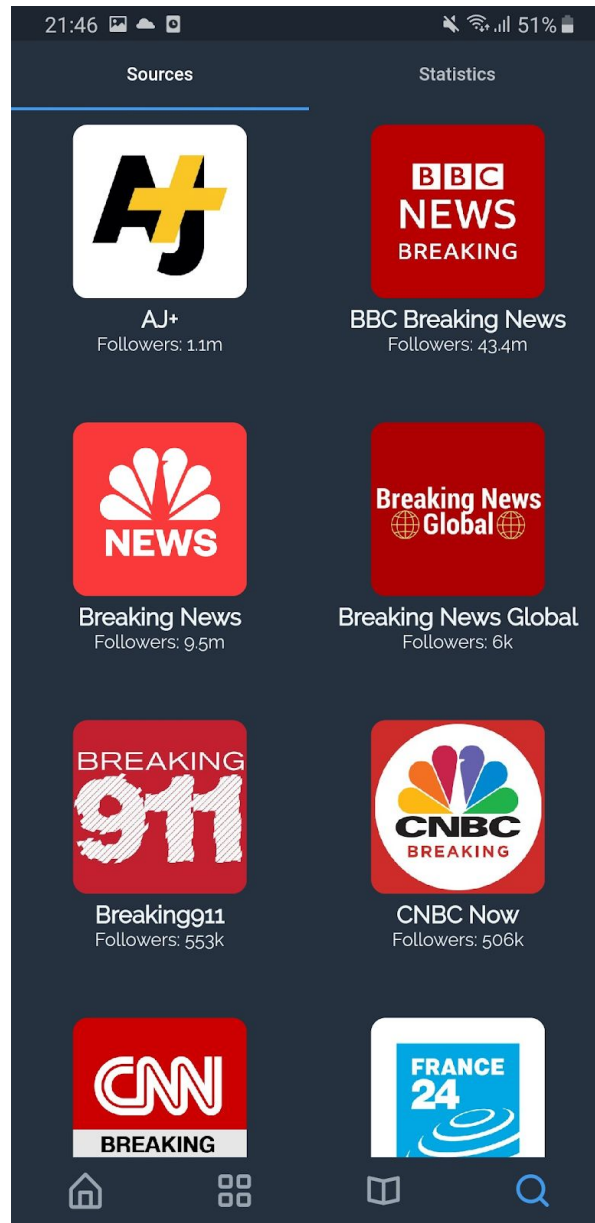
**Figure 4 - Category Page**

On this page, the user can see all newsgroups that are about the selected category.



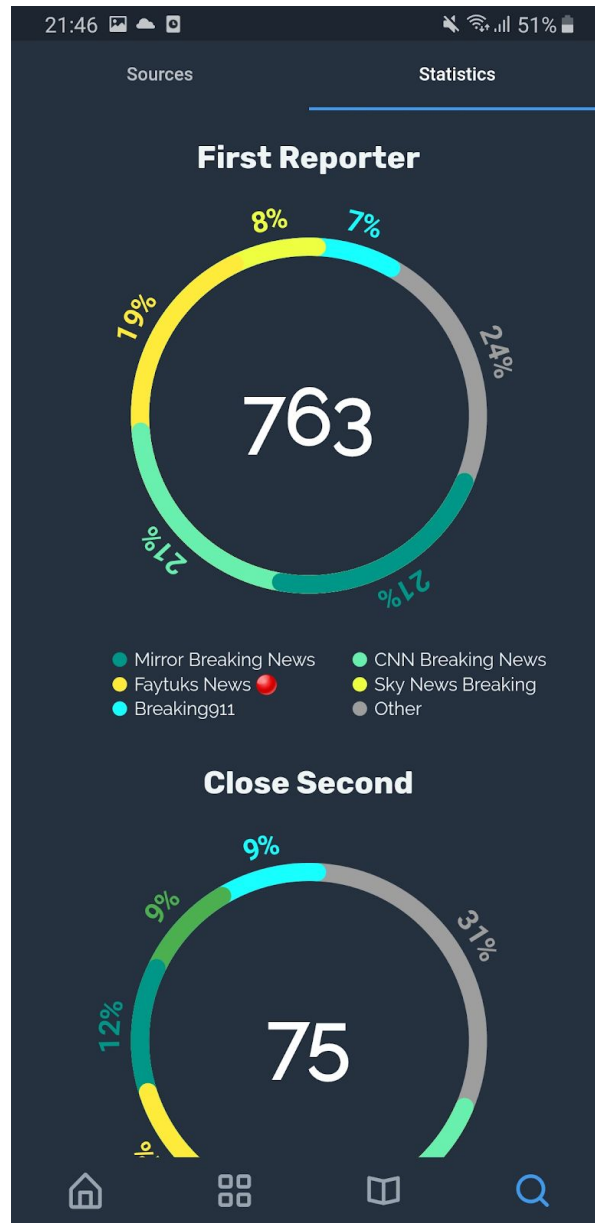
**Figure 5 - Following Page**

The user can see all the newsgroups that they follow on this page. Newsgroups are sorted in the order of being followed by the user.



**Figure 6 - News Sources Page**

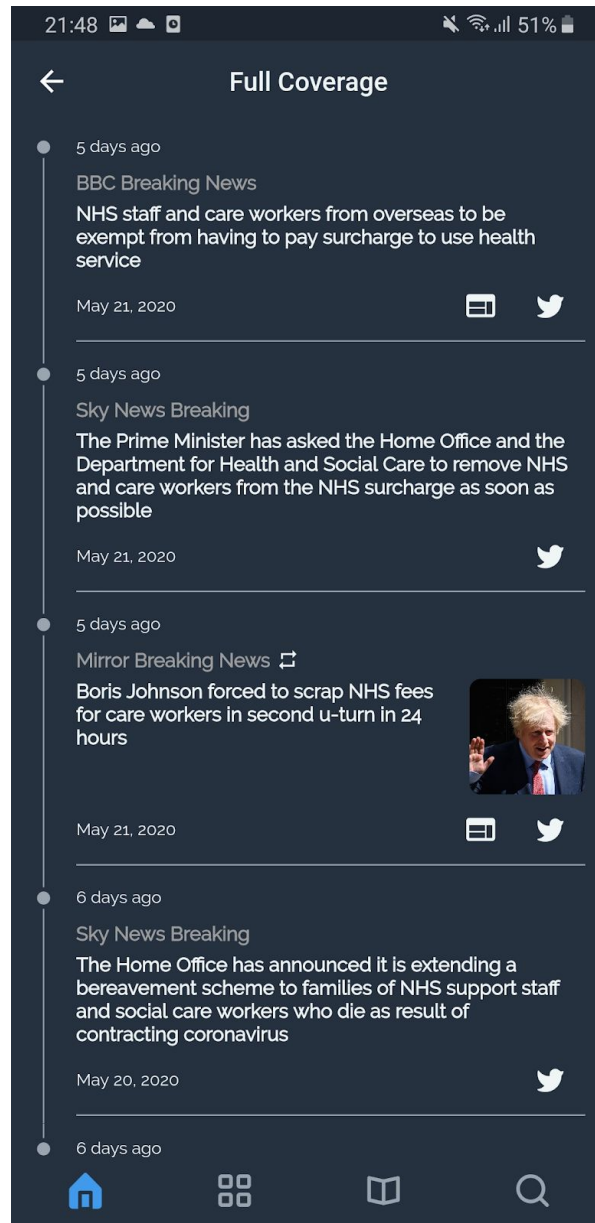
On this page the user can see every news source that we use in our application. The user can click any of the news sources on this page to go to their own page.



**Figure 7 - News Sources Statistics Page**

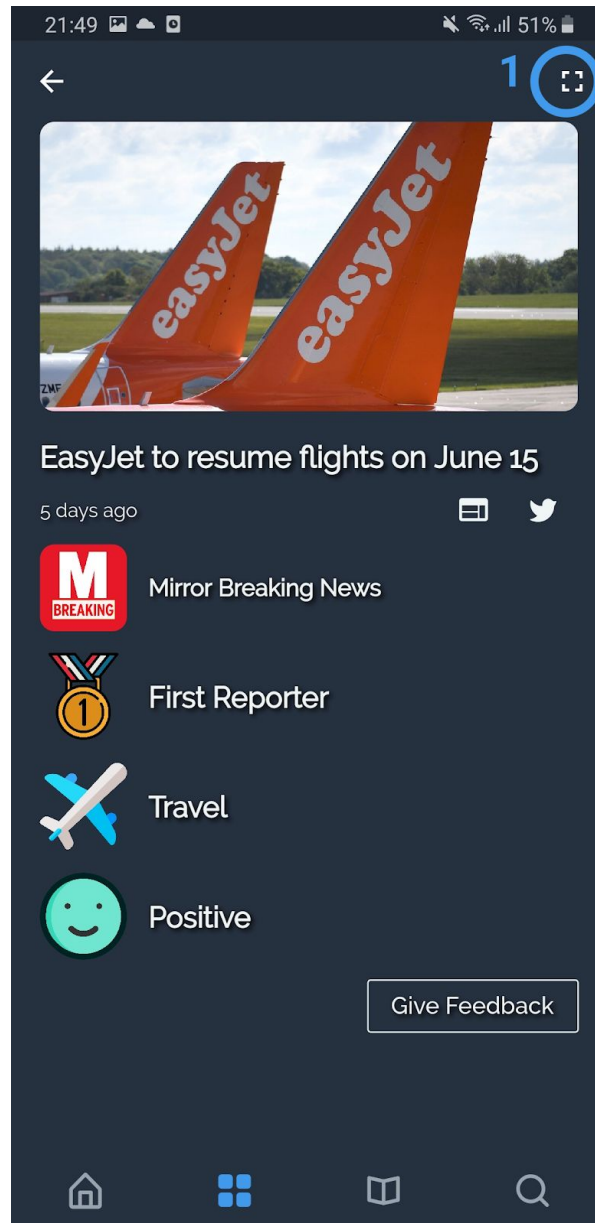
On this page the user can see various statistics about our news sources. We show our comparisons of news sources on this page.





**Figure 8 - Newsgroup Page**

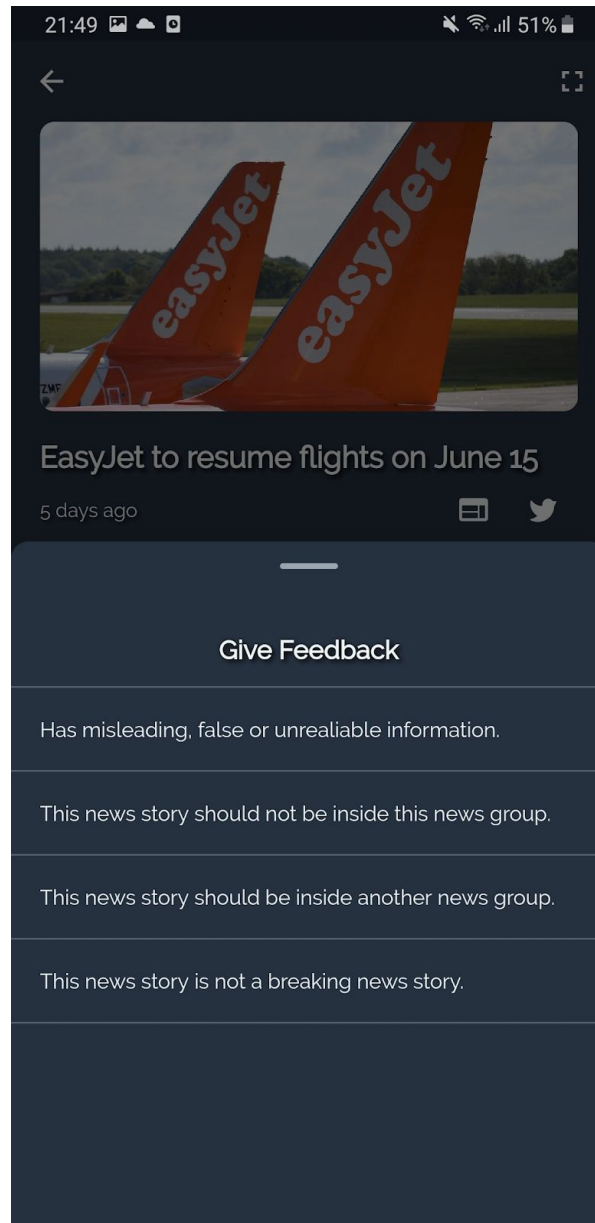
On this page the user can see every news story that we have on a topic. News stories are shown in a timeline with chronological ordering. The user can click on any news story to go to their page.



**Figure 9 - News Article Page**

On this page, the user can see details about the selected news story such as its category, sentiment analysis, and awards, etc.

- By tapping on the button number 1, the user can go to the newsgroup page of this article and see other related stories on this topic.
- By tapping on the Give Feedback button, the user can give feedback on this news article.



**Figure 10 - Report News Article Page**

After tapping on the Give Feedback button on the news article page, this feedback bottom sheet is opened. The user can select the best option that suits themselves and let us know if something is wrong.



**Figure 11 - News Article Twitter WebView**

By tapping on the twitter icon on a news article from any page, the user can go to the tweet of that news story. The Twitter website is opened inside our application and users can interact with twitter seamlessly.



**Figure 12 - News Article Website WebView**

By tapping on the website icon on a news article from any page, the user can go to the web page of that news story. The news source website is opened inside our application and users can interact with it seamlessly.

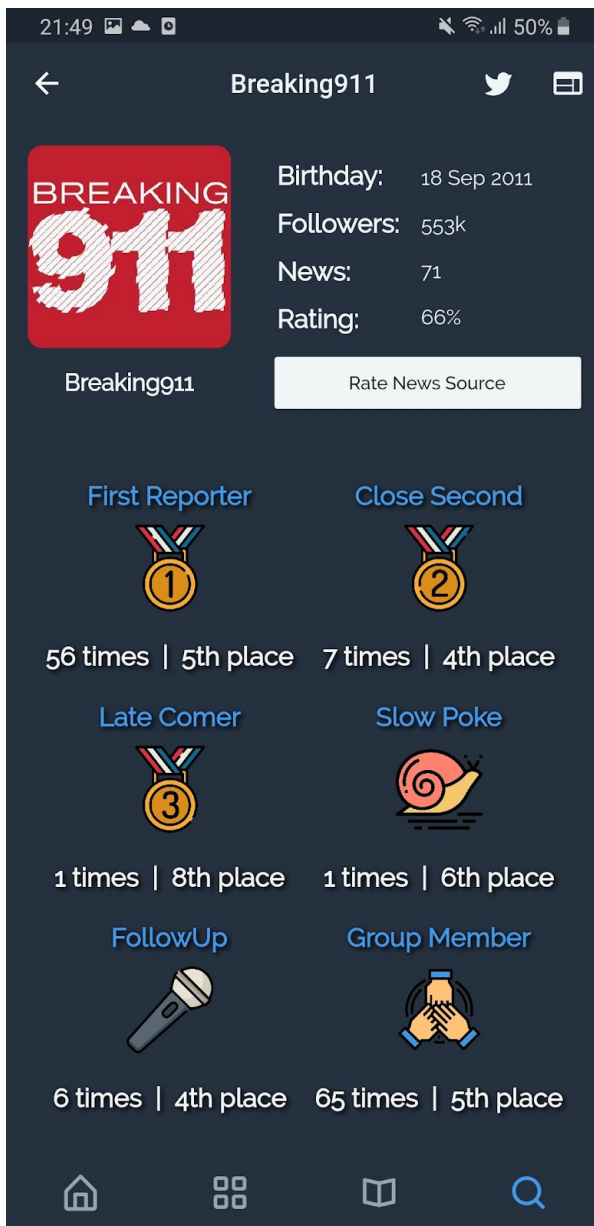


Figure 13 - News Source Page

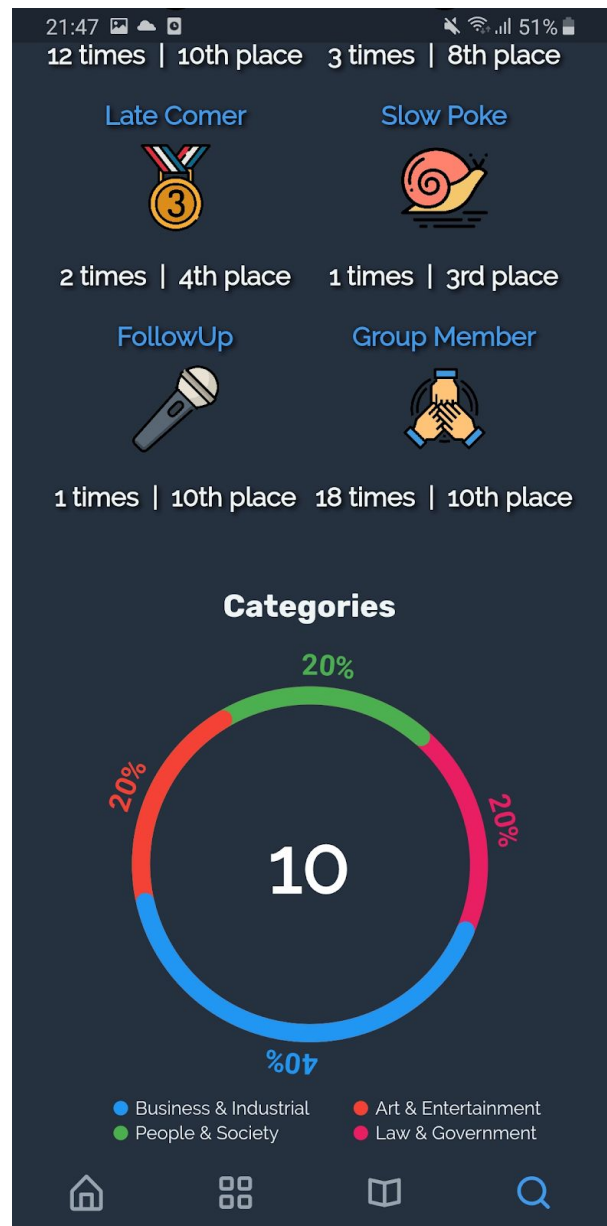
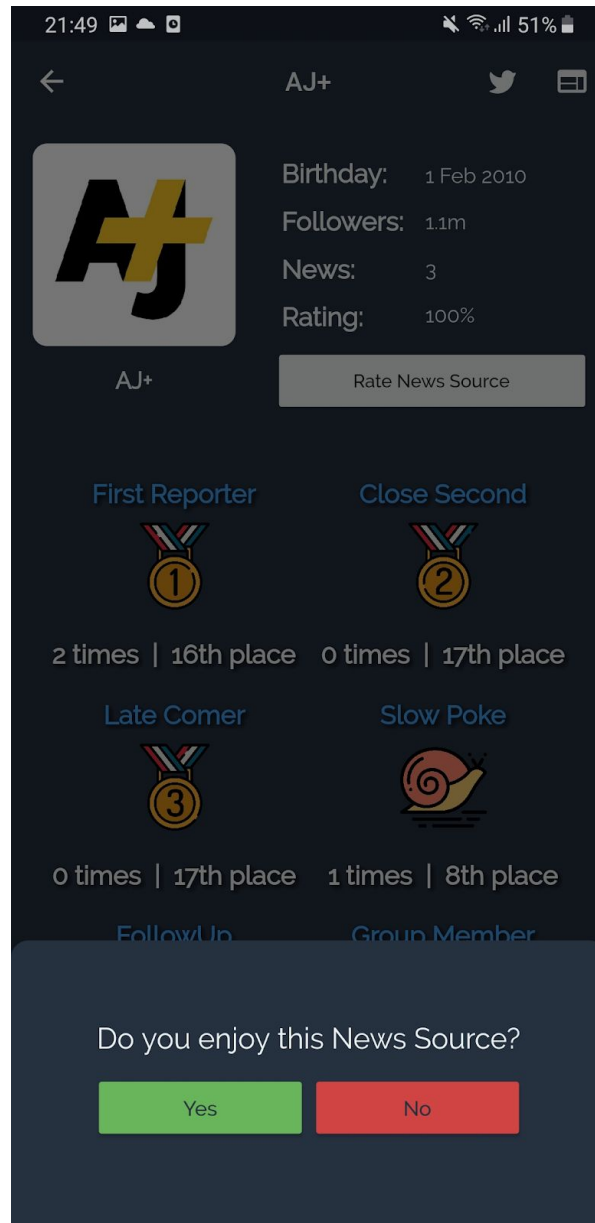


Figure 14 - News Source Page Contd.

This page shows detailed information and all the statistics we gathered on the selected news source. The users can use the Rate News Source button to give a rating to the news source every 24 hours.



**Figure 15 - Rate News Source Page**

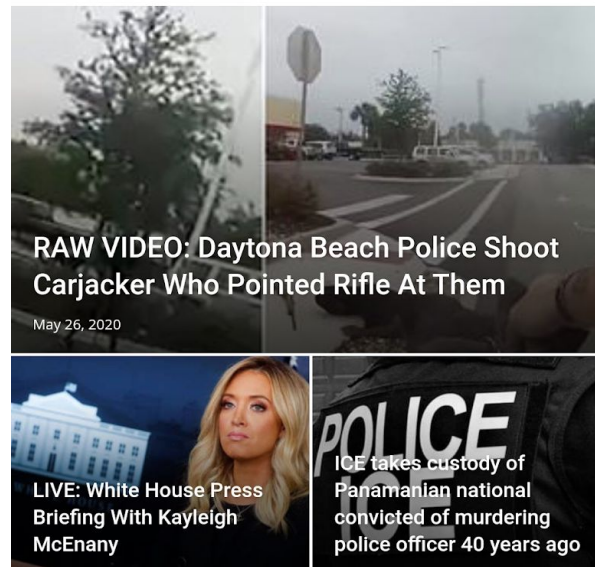
After tapping on the Rate News Source button on the news source page, this feedback bottom sheet is opened. The user can give their honest opinion about the news source and we will update our ratings accordingly.



**Figure 16 - News Source Twitter WebView**

By tapping on the twitter icon on a news source from the news source page, the user can go to the twitter account of that news source. The Twitter website is opened inside our application and users can interact with twitter seamlessly.





#### The Latest



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May 26, 2020



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**Figure 17 - News Source Website WebView**

By tapping on the website icon on a news source from the news source page, the user can go to the website of that news source. The news source website is opened inside our application and users can interact with it seamlessly.