



eyeReader – Mobile News Feeder

eyeReader App User Guide

Version:

V5.6 (Android)

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What is eyeReader?

eyeReader is a mobile news reader which collects news articles from a plethora of internet sites based on your topic preferences and enhances your experience by offering specific filtering functionalities in regards to hate speech, toxic content and sentimental analysis.

The app is aimed towards both casual and professional (Journalists) users who enjoy reading articles from their favorite sources and stay up-to-date with the latest and greatest content provided by our app.

The app is divided into two parts which offer different capabilities based on the type of the user. The two types of users available within the app are the Normal User and the Journalist. Information regarding the different capabilities offered for each type of user will be described below.

Reading Features:

- Realtime Article Fetching
- Article Search Bar
- Bookmark / Save Articles
- Delete Articles
- Report Articles
- Add Sources – Add your preferred sites to fetch articles from
- Statistics – Toxic content and Sentimental Analysis with Graphs
- Take personal notes on your preferred article (Journalist feature)
- Night Mode – Turns the entire app layout to gray to aid during night time reading
- Cache News
- Font Size Adjustment

Filtering Features:

- Markup Toxic – Highlights toxic content
- Hide Toxic – Completely hides toxic content from an article
- Toxic Content Tolerance adjustment

Hardware Device Compatibility:

The eyeReader App will **ONLY** work on the following devices:

- Android Devices with the Android 6.0 (Marshmallow) operating system or higher.

Starting the eyeReader App: Welcome Screen



Figure 1

Login Screen

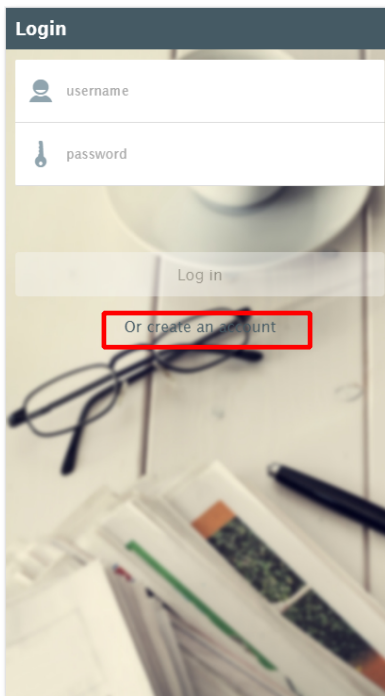


Figure 2

- Upon launching the eyeReader app you will be presented with the Welcome Screen.
- Click the “**GET STARTED**” Button to move to the Login Screen as indicated in **Figure 1**.

- When the Login Screen appears you will be presented with the username and password fields in which you can enter your login credentials.
- If this is your first time using the app, create an account by clicking the “**Or create an account**” option located below the “**Log In**” button as indicated in **Figure 2**.

Signup Screen

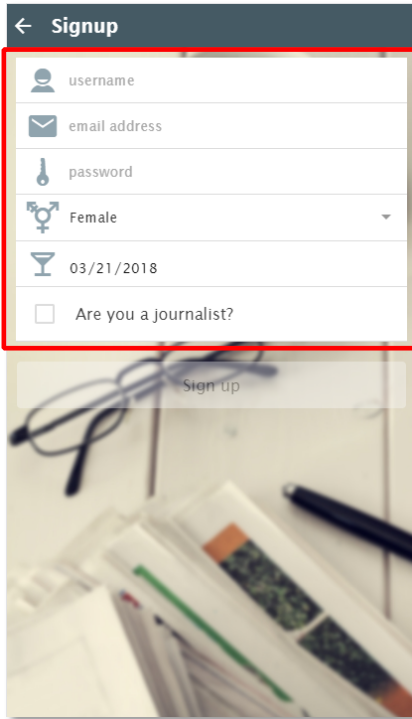

 A screenshot of the 'Signup' screen in the eyeReader app. The screen has a dark blue header with a back arrow and the word 'Signup'. Below the header is a form with several fields: 'username' (with a person icon), 'email address' (with an envelope icon), 'password' (with a key icon), 'Gender' (a dropdown menu currently showing 'Female' with a female symbol icon), 'Date of Birth' (a date picker showing '03/21/2018' with a calendar icon), and a checkbox labeled 'Are you a journalist?'. A red rectangular box highlights the 'username', 'email address', 'password', and 'Gender' fields. Below the form is a 'Sign up' button. The background of the app shows a desk with glasses, pens, and papers.

Figure 3

- At the **Signup Screen** you will be presented with all the required fields you will have to fill in order to create your account as indicated in **Figure 3**.

Note: The account is stored locally to your mobile device's storage and is in no way accessed by any third party software online for your own security. This is solely done for your own convenience so that everytime you open the app your preferences and articles are stored.

Signup Screen - Gender Selection

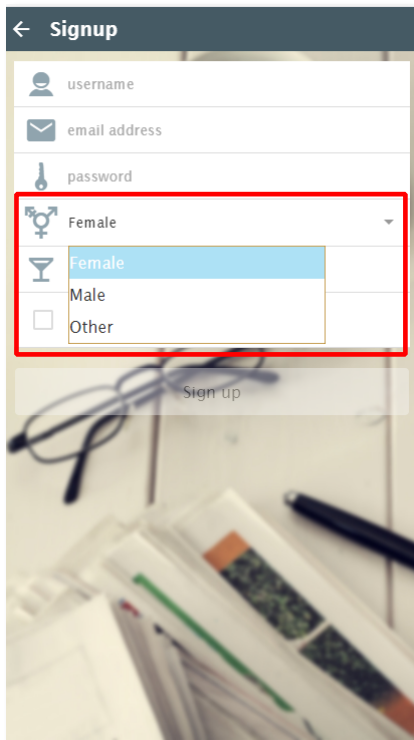

 A screenshot of the 'Signup' screen in the eyeReader app, showing the gender selection dropdown menu. The dropdown menu is open, displaying three options: 'Female' (with a female symbol icon), 'Male' (with a male symbol icon), and 'Other' (with a person icon). The 'Female' option is currently selected and highlighted in blue. A red rectangular box highlights the dropdown menu. The rest of the screen, including the header, other form fields, and the 'Sign up' button, is the same as in Figure 3. The background of the app shows a desk with glasses, pens, and papers.

Figure 4

- In the gender section you can choose your gender between Female, Male and Other through a dropdown list as indicated in **Figure 4**.

Signup Screen - Journalist

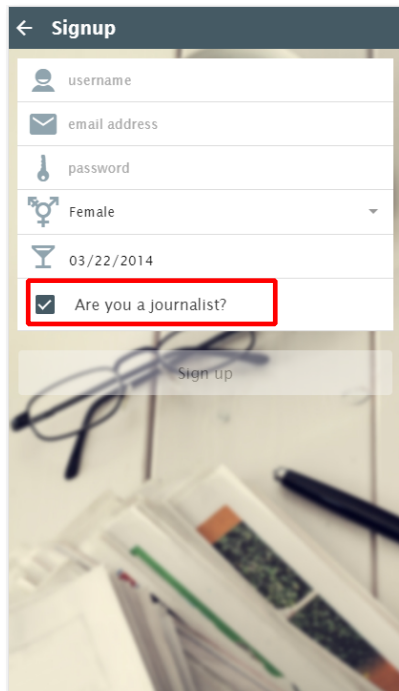


Figure 5

- By ticking the option “Are you a journalist?” the note-taking feature that is only available to professional users (Journalists) of the app will be available to you as shown in **Figure 5**.

- The Note Taking feature offers you the ability to create personal notes for every article you read. Afterwards, the notes are stored on your device’s local memory for your future reference.

Signup Screen – Successful Account Registration

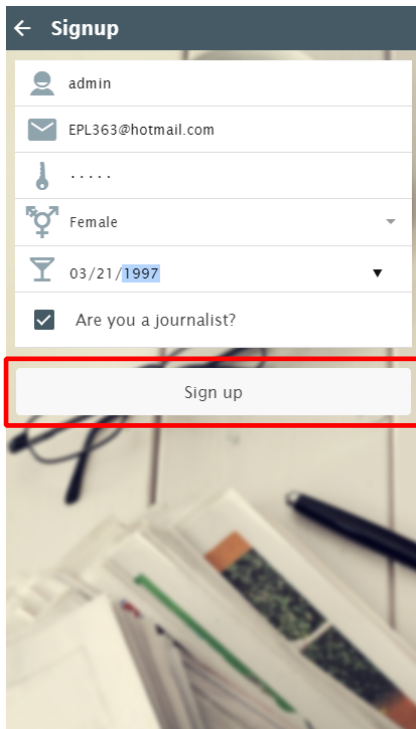


Figure 6

- By completing all the required fields and clicking the Signup button as indicated in **Figure 6**, your account registration will be completed.

Login Screen – Credentials

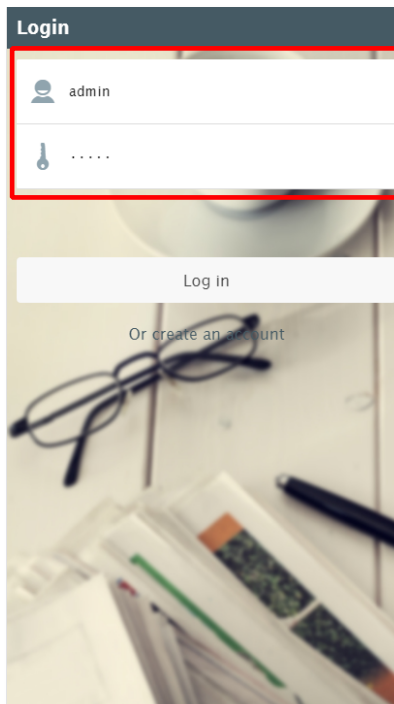


Figure 7

- Upon reaching the Login Screen enter your new login credentials as shown in **Figure 7** to login to your account and launch the app for the first time.

Articles Feed – Adding the articles

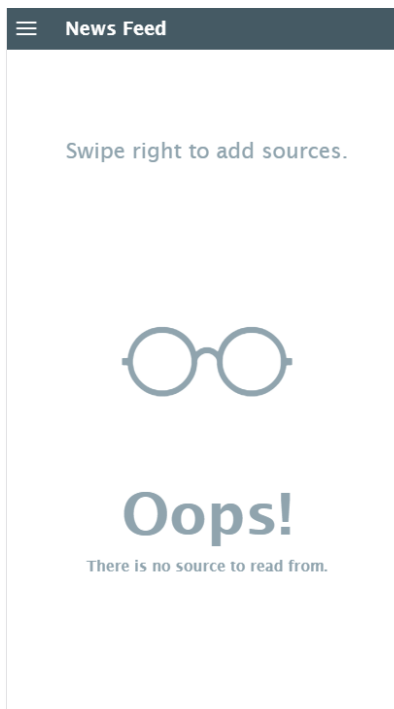


Figure 8

- As soon as you open the app you will be greeted with the message that you have no articles available for viewing as shown in **Figure 8**.

Add New Articles

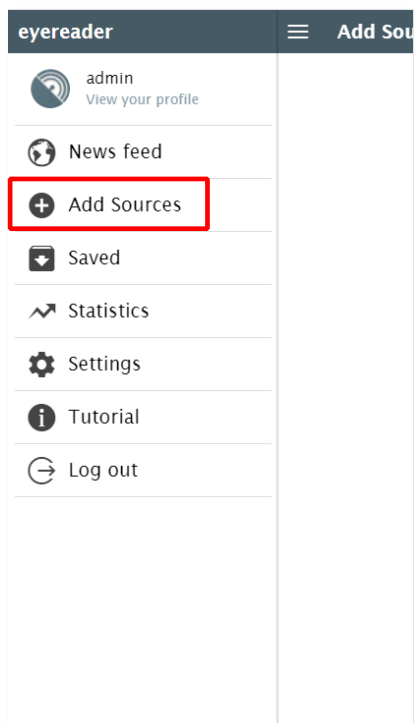


Figure 9

- To add your preferred sources, swipe to the right to access the side menu and click on the “**Add Sources**” button as shown in **Figure 9**.

- Afterwards, select the sources you would like to receive articles for and return back to your news feed to start reading the articles that have been fetched.

Reading your articles

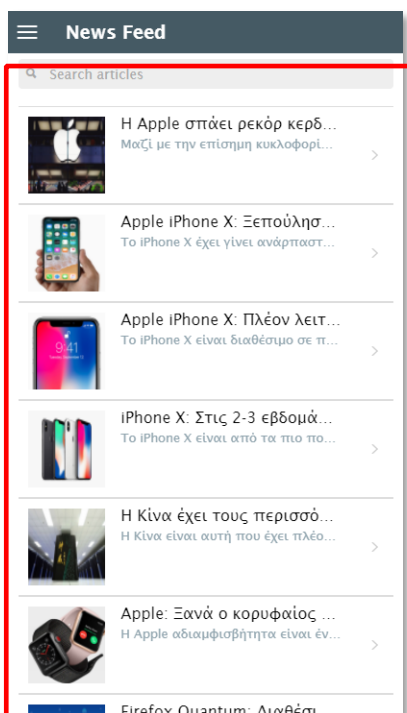


Figure 10

- When you return to your News Feed, the articles from the sources you had previously chosen will be instantly downloaded and ready for your reading pleasure.

- Every article is presented in a list view along with a relative thumbnail regarding its main subject and its title as shown in **Figure 10**.

Saving / Bookmarking an article

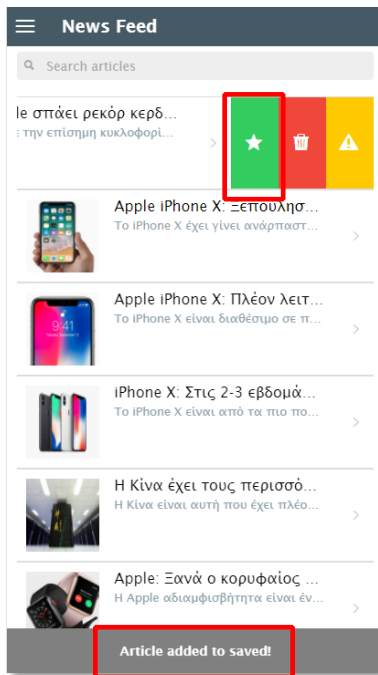


Figure 11

- By swiping an article to the left three new options appear:

- Save/Bookmark Article
- Delete Article
- Report Article

- By tapping on the green star button you can save any article you desire and the accompanying message will appear at the bottom of your screen as shown in **Figure 11**.

- By saving an article you can view it anytime you desire offline or online in the “**Saved**” option of the side panel menu.

Deleting an article

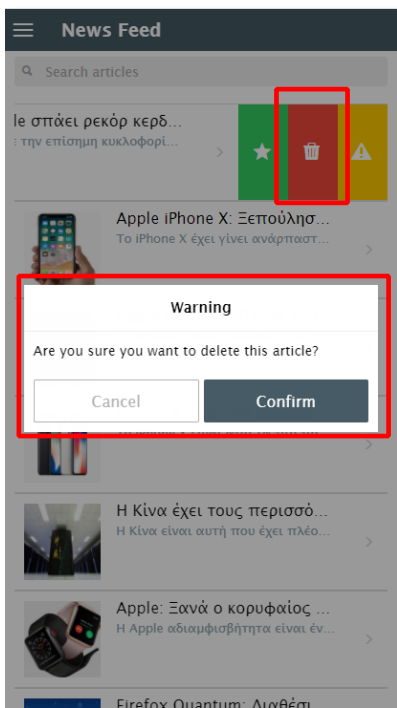


Figure 12

- By tapping on the red **bin** button you can delete any article you desire. The confirmation message about deleting the corresponding article will appear on your screen, requesting the approval of your deletion as shown in **Figure 12**.

Reporting an article

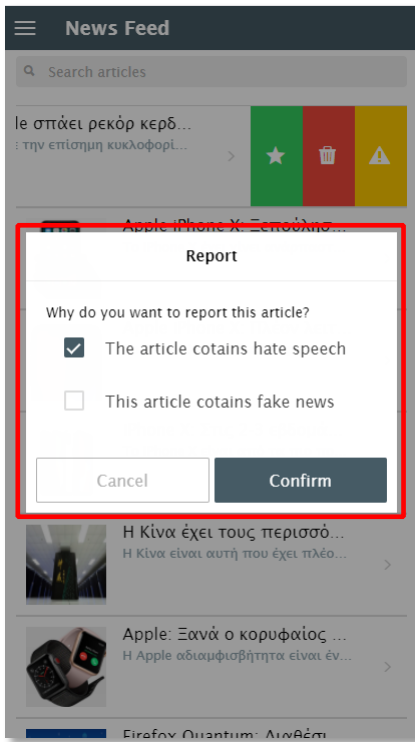


Figure 13

- By tapping on the **yellow** triangle button you can report an article based on the type of toxic content it consists of.

- **You have two options to choose from:**

- a) Hate Speech
- b) Fake News

- Select the type of toxic content you want to report the article for and then confirm your selection by tapping on the **“Confirm”** button as shown in **Figure 13**.

Saved Articles Page

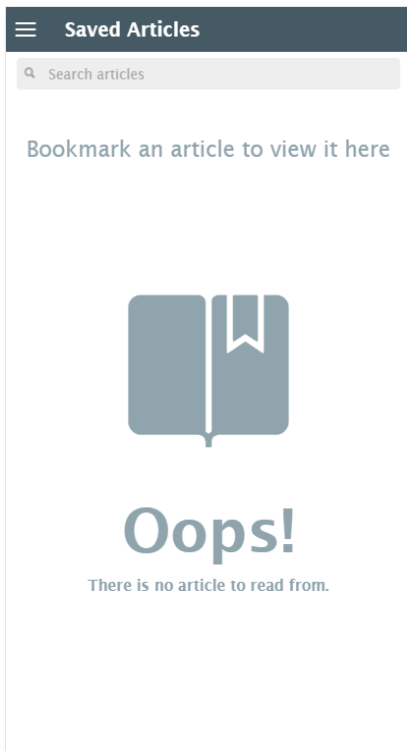


Figure 14

- In the Saved Articles Page which is accessible via the side panel menu (Swipe right -> Saved) you can view your saved articles.

- In case you do not have any saved articles the accompanying message will appear indicating the lack of saved articles as shown in **Figure 14**.

Viewing Saved Articles

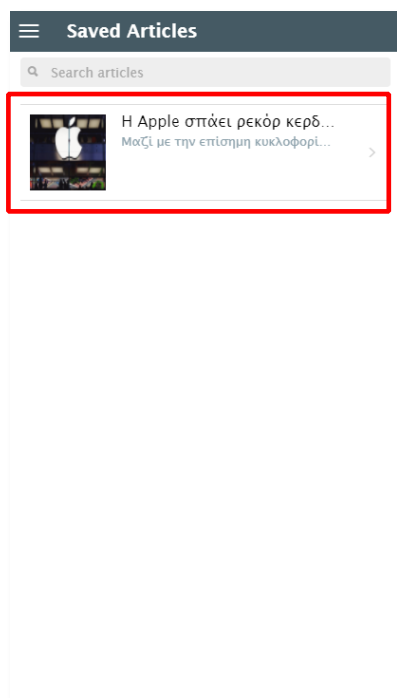


Figure 15

- When an article has been previously saved you will be able to view it through the Saved Articles page as shown in **Figure 15**.

- Articles saved in this page can be available for reading even if you have no internet connection.

How to unsave a saved article

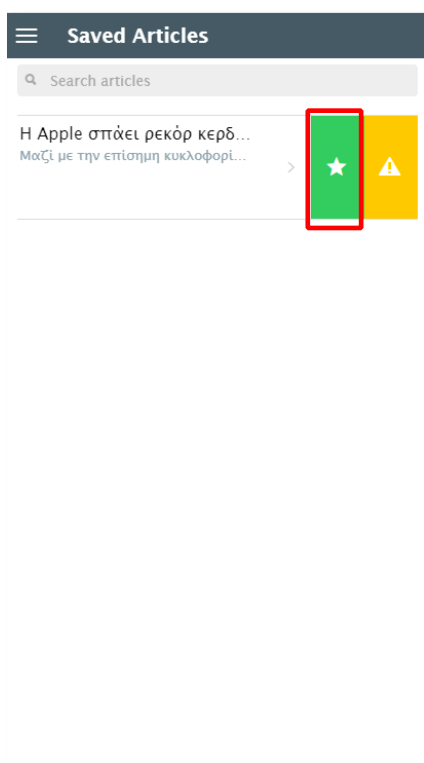


Figure 16

- In order to unsave / delete an article you have previously saved simply swipe the article to the left to make the additional article options visible and tap the green star button to unsave. The article will immediately disappear from your Saved Articles list as shown in **Figure 16**.

The Settings Page

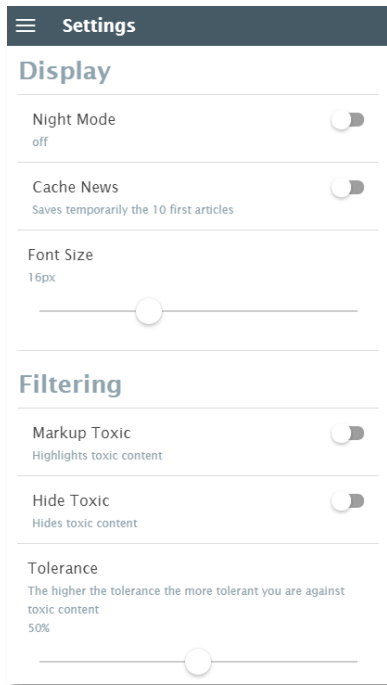


Figure 17

- To access the **Settings Page** swipe to the right anywhere within the app and tap on the “**Settings**” option.

The **Settings Page** will be presented to you as shown in **Figure 17** where you can adjust various settings to enhance your viewing and reading experience.

It is divided into two parts, The Display and Filtering settings.

Each setting will be specifically described in the following sections of this manual.

Display - NightMode

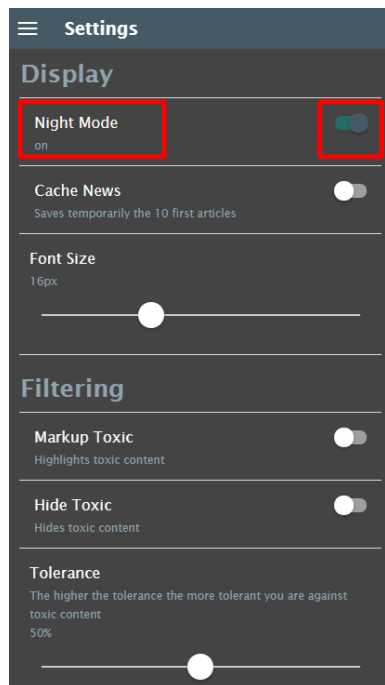


Figure 18

- To enable **Nightmode** simply toggle the button located at the right side of **NightMode** as shown in **Figure 18**.

- By toggling **Nightmode** the entire app layout turns to a light grey background in order to aid you during night hour reading.

Display - Cache News

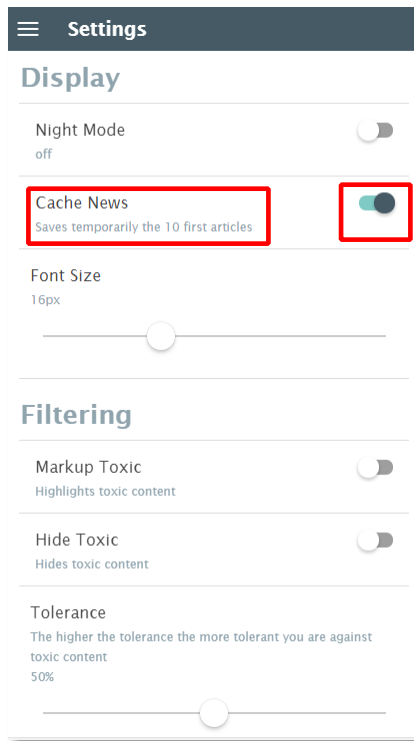


Figure 19

- In order to enable the Caching functionality simply toggle the button which is indicated to the right of the Cache News option as shown in **Figure 19**.

- The Cache News setting offers caching of up to 10 articles. When enabled the 10 most recent articles within your News Feed will be cached to your device's local storage in order to access them when there is no internet connection available.

Display - Font Size Adjustment

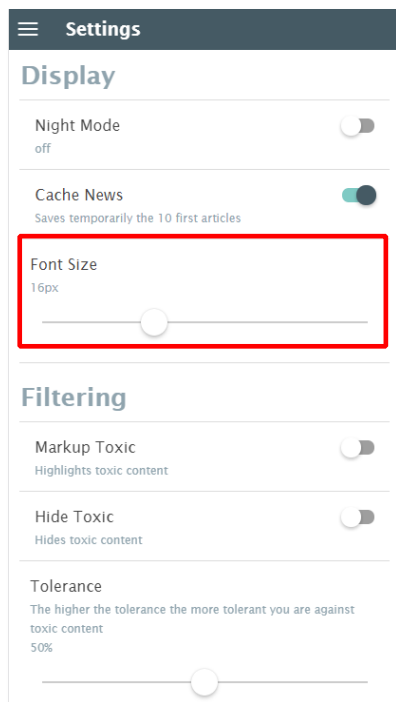


Figure 20

- To adjust the **Font Size** of the app you can use the slider as indicated in **Figure 20** to adjust your desired font size in pixels.

- The font size changes dynamically as the slider adjustment happens.

Filtering - Markup Toxic Content

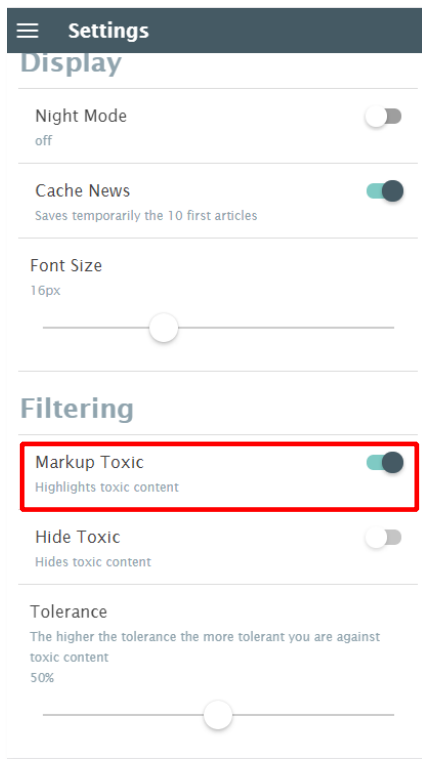


Figure 21

- You can filter an article's content in various ways. One of them is by **Marking Up** toxic content.

- You can enable the **Markup Toxic** setting by toggling the button indicated at the right side of the setting as shown in **Figure 21**.

- By enabling the **Markup Toxic** setting any toxic content within an article will be highlighted in yellow color.

Filtering - Hide Toxic

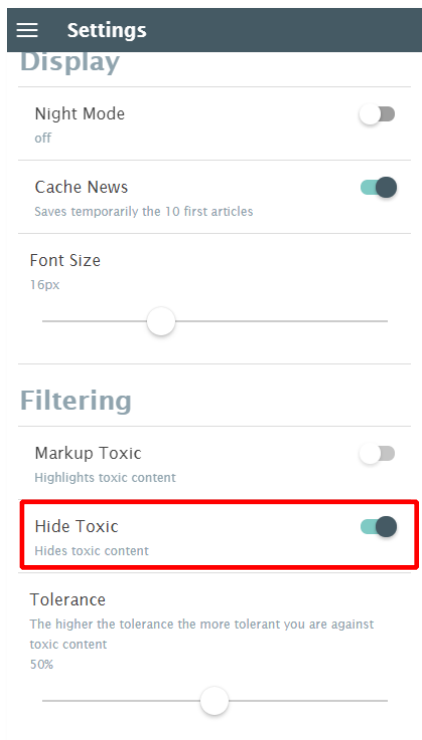


Figure 22

- You can hide the toxic content of an article by enabling the Hide Toxic option.

- You can enable the Hide Toxic setting by toggling the button indicated at the right side of the setting as shown in **Figure 22**.

Tolerance Adjustment

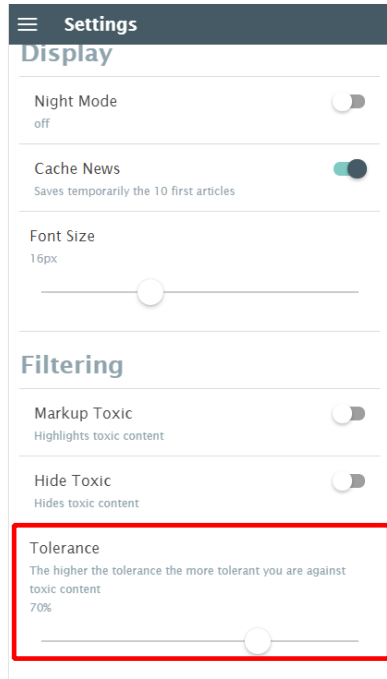


Figure 23

- You can control the tolerance of the toxic content of your articles by adjusting the Toxic Content Tolerance slider as indicated in **Figure 23**.

- Based on the **tolerance** you have chosen a certain percentage of the discovered content will be filtered. The **higher** the **tolerance** the more aggressive the filtering is.

Viewing your Profile

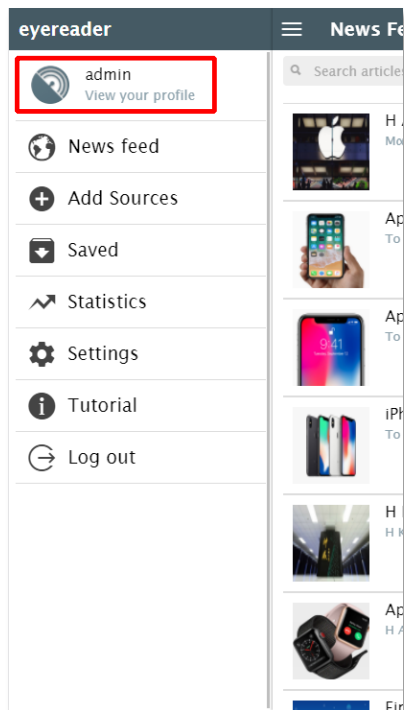


Figure 24

- By accessing the side panel menu you also have the ability to **view your user profile** and modify your information.

- To access your **profile** simply swipe to the right anywhere within the app and tap on the app's Logo as shown in **Figure 24**.

Profile Information

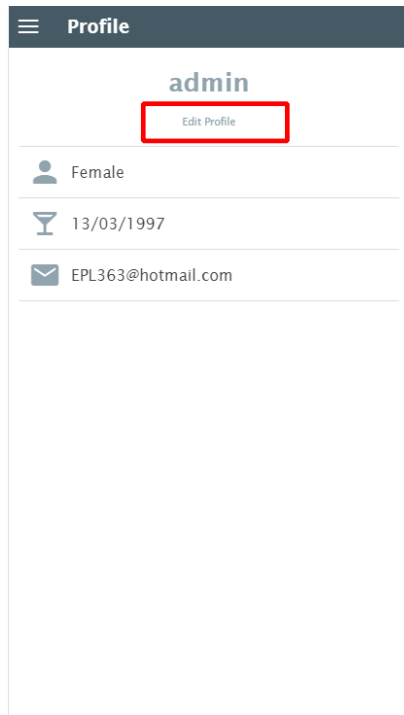


Figure 25

- Upon clicking the **“View your profile”** option in the side panel menu you will be presented with your Profile where some of your basic info will be displayed on your screen.

- You can edit your profile information by tapping on the **“Edit Profile”** option indicated below your username as shown in **Figure 25**.

Editing your profile

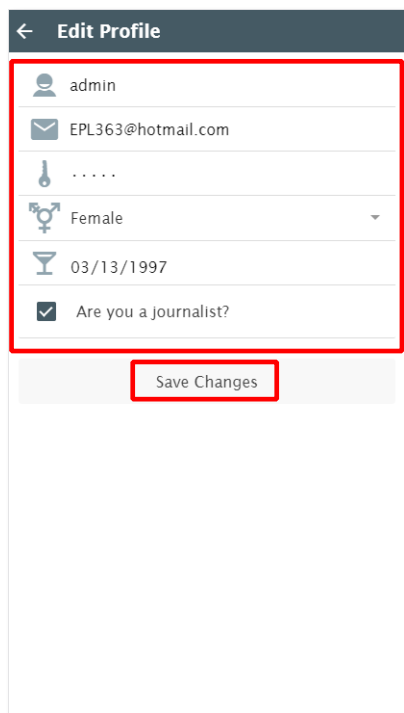


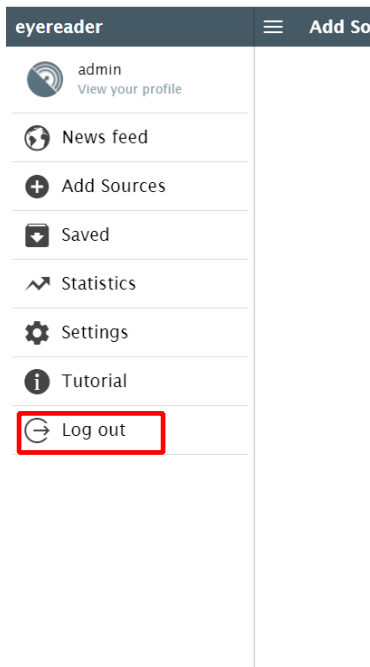
Figure 26

- In the **Edit Profile** screen you can see all the information regarding your account.

- You can edit any field simply by tapping on the specific field you want to change and alter its information.

- Click the **“Save Changes”** option at the bottom of the screen to apply and save the changes you have made as shown in **Figure 26**.

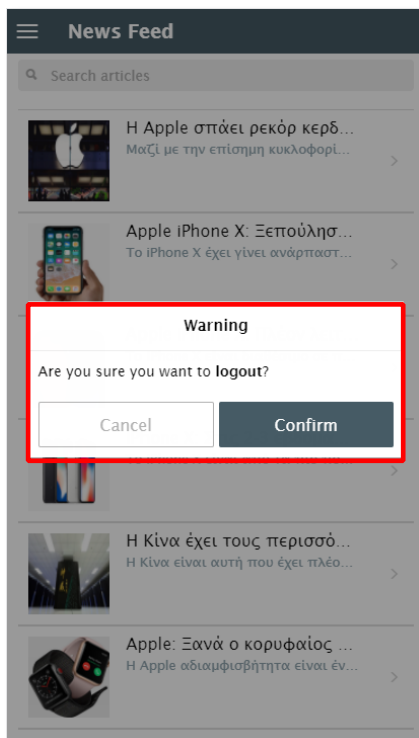
Logout of your account



- To logout of your account simply swipe to the right anywhere within the app to access the side panel menu and click the “**Log Out**” option as shown in **Figure 27**.

Figure 27

Logout Confirmation Message



- To logout of your session, tap “Confirm” on the confirmation message which appears as shown in **Figure 28**.

Figure 28