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GOOD PRACTICE 1

AccessAngel

General information

The AccessAngel module can be integrated in the navigation part of the platform or as a standalone button and once accessed, the module presents itself at the top of the page.

The module consists of eight components that cover a wide range of disabilities, all with their unique features, which can manipulate text and objects on the screen making them accessible to all.

Key functionalities

- **Text to Speech** – This provides audio feedback for the content displayed on the screen. The component has two options: select the text of the content to be read or to hover over the content from the page. The text to speech component can be useful for both those with dyslexia who find it difficult to read and process information and for visually impaired users, aiding navigation and content comprehension. The Text to speech component provides several options to modify the sound, by accessing the Settings button from the menu. Here, the user can customize three sliders for “Volume”, “Speed rate” and “Pitch.” The user can make generated speech sound faster or slower, and

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higher or lower according to their preferences as well as change the voice for playback from many options.

- **Increase/Decrease the font size** – this feature offers the possibility to alter the dimension of all the text on the page by increasing or reducing it. Users with low vision may prefer to resize the text or magnification of the content to make it easier to read. Some users may not always need screen magnification software or screen readers but might still have problems reading smaller fonts or larger fonts. Therefore, the ability to allow easy enlargement or reduction in the size of text is an important feature.
- **Text options** – this component consists of four features, which alter the text on a web page by changing the font style.
- **Font type** – the fonts displayed in the option menu are dyslexia friendly fonts. The AccessAngel module provides additional fonts for the web content that are easier for people who are dyslexic or visually impaired to read, for example Arial Black or Comic Sans.
- **Text colour** – Another effective feature for those with Dyslexia and associated conditions is that the colour of the content can be altered to suit individual preferences.
- **Line spacing** – people with cognitive disabilities may have trouble tracking lines of text when a block of text is single-spaced. This feature allows them to adjust the settings so that they can start a new line more easily once they have finished the previous one. This is proven as effective for those with Dyslexia, cognitive disabilities and visual impairments.
- **Letter spacing** - People with cognitive or reading disabilities often read better, when there is more space between the letters or words. This feature allows users to adjust the spacing between letters and words according to their specific needs.
- **Magnifier** – this component is important for those with visual impairments. The component makes part of the screen bigger so the user can see words and images better. AccessAngel gives magnification in an adjustable lens window with adjustable magnification levels. The lens window can then be moved around the desired area of the screen.

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- **Screen Masking** - Screen tinting is very effective not just for those with visual impairments, but also for those with Dyslexia and associated conditions. Certain eye conditions, colour blindness and visual impairments may need themes to be applied to the content on the screen to make it easier to read. Access Angel provides several background themes intended for this issue.
- **Reading rulers** – this component consists of two features: the reading bar and the overlay bar, both of which can be adjusted in size to suit preferences. The reading bar allows users to track their position on the page with an underlining bar and the overlay bar blackens out the content except the focussing part within the overlay bar. The colour of the overlay bar can also be tinted to a preferred choice. These options can be useful for those with dyslexia and cognitive disabilities.
- **Speech recognition** - this component addresses those with physical impairments, who find it very difficult to input information into the platform/webpage and navigate around the page. The AccessAngel module implements voice recognition where the dictated speech is turned into text and then inputted into the web page. This feature has a high-level of accuracy in over 80 languages and can be used by people with literacy difficulties and as a method to facilitate the caption/transcription process for people without any disability. The feature can be particularly effective for those with Dyslexia and cognitive disabilities or those who wish to enter text faster and more accurately than with a keyboard. The language input can be selected within the settings menu.

Check the AccessAngel

[AccessAngel - Website Accessibility Toolbar](#)



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