Accessibility Plan for Evolution

This document outlines the accessibility guidelines used to improve accessibility for Evolution. The guidelines adhere to the WCAG 2.2 document which is being used by countries across the globe to define web accessibility guidelines.

WCAG 2.2 Defines 3 levels of compliance, level A being the lowest level and level AAA being the highest level. Although level AAA is desirable, WCAG 2.2 does not suggest that all items on a Web page follow these standards, as sometimes this may not be possible (see this link).

The compliance follows the conformance guidelines as defined by WCAG 2.2 where all Evolution web pages follow the WCAG 2.2 guidelines to be conformant. Please keep in mind that conformance claims are not required (see this link), however we will attempt to give an overview of what success criterion will be conformant within Evolution.

Evolution is conformant with level AA. The software is partially conformant with level AAA. More work will be needed in the future to be conformant with level AAA, but some success criteria belonging to level AAA will never be addressed as they are not necessary for the application's use.

For the time being (due to time constraints), we have skipped any point having to do with text dimension ratios and responsive design. Responsive design is not required for Evolution as the software falls under the "games" category, and scrolling along the x and y axis is enough (see documentation on reflow), however we are working towards making the application responsive. Additionally, we have skipped anything that has to do with providing in-depth descriptions for videos on the screen (this may be addressed in the future using text documents). Our focus will be on keyboard navigation, taking care of web page structure and semantics, and making every web page accessible to screen readers.

Plese find the new additions to WCAG 2.2 here. The new items have been highlighted in bold in the success criteria table below.

Below are all accessibility features according to WCAG 2.2. The left column represents the success criterion, that is the feature to be compliant with. Each feature has a level associated with it. The last 3 columns represent information about whether the success criterion for the summer 2023 release was achieved, whether the feature will be addressed in the future (except when this does not apply to Evolution), and some notes about it.

Legend
Green: Completed features
White: not applicable to Evolution
Red: not worked on (but currently not necessary as alternative solutions have been provided)
Bold elements are additions to the WCAG 2.2 from WCAF 2.1

Success Criterion	Level	Included in summer 2023 release	May be addressed in the future	Notes	Is WCAG 2.2 addition?
1.1.1 Non-text Content	A	Yes			
1.2.1 Audio-only and Video-only (Pre-recorded)	A	Yes			
1.2.2 Captions (Prerecorded)	A	No	N/A	N/A	
1.2.3 Audio Description or	A	No	N/A	N/A	

Media Alternative (Prerecorded)				
1.2.4 Captions (Live)	AA	No	N/A	N/A
1.2.5 Audio Description (Prerecorded)	AA	Yes		
1.2.6 Sign Language (Pre-recorded)	AAA	No	No	Alternative text such as links to the user manual will be provided.
1.2.7 Extended Audio Description (Pre-recorded)	AAA	No	N/A	N/A
1.2.8 Media Alternative (Pre-recorded)	AAA	No	Yes	Alternative text such as links to the user manual will be provided.
1.2.9 Audio Only (Live)	AAA	No	N/A	N/A
1.3.1 Info and Relationships	A	Yes		
1.3.2 Meaningful Sequence	A	Yes		
1.3.3 Sensory Characteristics	A	Yes		

1.3.4 Orientation	AA	Yes		Evolution must be used on a horizontal screen since it often displays financial data. Being this an essential application requirement then orientation is achieved.	
1.3.5 Identify Input Purpose	AA	Yes			
1.3.6 Identify Purpose	AAA	Yes			
1.4.1 Use of Color	A	Yes			
1.4.2 Audio Control	A	Yes			
1.4.3 Contrast (Minimum)	AA	Yes			
1.4.4 Resize text	AA	Yes		Users can use the zoom functionality and scroll bars are provided	
1.4.5 Images of Text	AA	No	N/A	N/A Evolution has images of text however they are decorative hence there is no need to add alternative descriptions for these.	
1.4.6 Contrast (Enhanced)	AAA	No	Yes	See 1.4.3	

1.4.7 Low or No Background Audio	AAA	No	N/A	N/A Our software has no background audio on speech.	
1.4.8 Visual Presentation	AAA	No	Yes	See 1.4.3	
1.4.9 Images of Text (No Exception)	AAA	Yes			
1.4.10 Reflow	AA	No	N/A	Examples of content which requires two-dimensional layout are images required for understanding (such as maps and diagrams), video, games, presentations, data tables (not individual cells), and interfaces where it is necessary to keep toolbars in view while manipulating content. It is acceptable to provide two-dimensional scrolling for such parts of the content.	
1.4.11 Non-text Contrast	AA	Yes		We've taken care of non text contrast for any essential component. Where components don't have enough contrast an alternative contrast accessible	

				description is provided for the user.	
1.4.12 Text Spacing	AA	No	Yes	We assume users won't edit the default text spacing but zoom onto the app. This functionality may be extended in the future if we're going to look at responsive design.	
1.4.13 Content on Hover or Focus	AA	Yes		The only tooltips left are those which do not obscure other components, however they are auxiliary and not essential for the user to understand or use the application.	
2.1.1 Keyboard	A	Yes			
2.1.2 No Keyboard Trap	A	Yes			
2.1.3 Keyboard (No Exception)	AAA	Yes			
2.1.4 Character Key Shortcuts	A	No	N/A	N/A	
2.2.1 Timing Adjustable	A	No	N/A	N/A	
2.2.2 Pause, Stop, Hide	A	No	N/A	N/A: not using shortcuts in Evolution	
2.2.3 No Timing	AAA	No	N/A	N/A: there is not time limit	

2.2.4 Interruptions	AAA	Yes			
2.2.5 Re-authenticating	AAA	Yes			
Success Criterion 2.2.6 Timeouts	AAA	Yes			
2.3.1 Three Flash or Below Threshold	A	Yes			
2.3.2 Three Flashes	AAA	Yes			
2.3.3 Animation from Interactions	AAA	Yes			
2.4.1 Bypass Blocks	A	Yes			
2.4.2 Page Titled	A	Yes			
2.4.3 Focus Order	A	Yes			
2.4.4 Link Purpose (In Context)	A	Yes			
2.4.5 Multiple Ways	AA	Yes			

2.4.6 Headings and Labels	AA	Yes			
2.4.7 Focus Visible	AA	Yes			
2.4.8 Location	AA	Yes			
2.4.9 Link Purpose (Link Only)	AAA	Yes			
2.4.10 Section Headings	AAA	Yes			
2.4.11 Focus Not Obscured (Minimum)	**AA**	**Yes**			**Yes**
2.4.12 Focus Not Obscured (Enhanced)	**AAA**	**Yes**			**Yes**
2.4.13 Focus Appearance	**AAA**	**Yes**			**Yes**
2.5.1 Pointer Gestures	A	No	N/A	N/A	
2.5.2 Pointer Cancellation	A	Yes			
2.5.3 Label Name	A	Yes			
2.5.4 Motion Actuation	A	No	N/A	N/A	

2.5.5 Target Size	AAA	No	Yes	See 1.4.4	
2.5.6 Concurrent Input Mechanisms	AAA	Yes			
2.5.7 Dragging Movements	**AA**	**No**	**Yes**	**We are working towards a new version of Evolution that won't require dragging.**	**Yes**
2.5.8 Target Size (Minimum)	**AA**	**Yes**	**Yes**	**We are working towards a new version of Evolution with even greater minimum dimensions for buttons, inputs and similar components.**	**Yes**
3.1.1 Language of Page	A	Yes			
3.1.2 Language of Parts	AA	Yes		Help functionality available through magnifier button	
3.1.3 Unusual Word	AAA	Yes			
3.1.4 Abbreviations	AAA	Yes			
3.1.5 Reading Level	AAA	Yes		We write all text in plain English. We also provide the magnifying glass function that provides definitions for nearly all	

				complex terms which are specific to the subject of business and management.	
3.1.6 Pronunciation	AAA	No	No	We don't think this is relevant to what Evolution does.	
3.2.1 On Focus	A	Yes			
3.2.2 On Input	A	Yes			
3.2.3 Consistent Navigation	AA	Yes			
3.2.4 Consistent Identification	AA	Yes			
3.2.5 Change on Request	AAA	Yes			
3.2.6 Consistent Help	**A**	**Yes**			**Yes**
3.3.1 Error Identification	A	Yes			
3.3.2 Labels or Instructions	A	Yes			
3.3.3 Error Suggestion	AA	Yes			
3.3.4 Error Prevention (Legal, Financial, Data)	AA	No	N/A	N/A Does not apply to us as there isn't any critical data that may be lost.	
3.3.5 Help	AAA	Yes			

3.3.6 Error Prevention (All)	AAA	Yes			
3.3.7 Redundant Entry	**A**	**Yes**			**Yes**
3.3.8 Accessible Authenticatio n (Minimum)	**AA**	**Yes**		**Users can use copy and paste**	**Yes**
3.3.9 Accessible Authenticatio n (Enhanced)	**AAA**	**No**	**Yes**		**Yes**
4.1.1 Parsing	A	Yes			
4.1.2 Name, Role, Value	A	Yes			
4.1.3 Status Messages	AA	Yes			

The following features won't be addressed in the future:

Success Criterion	Level	Included in summer 2023 release	May be addressed in the future	Notes

1.2.6 Sign Language (Pre-recorded)	AAA	No	✖	Alternative text such as links to the user manual will be provided.
3.1.5 Reading Level	AAA	No	✖	Doesn't apply to us as only people above the secondary education level are going to use the software.
3.1.6 Pronunciation	AAA	No	✖	We don't think this is relevant to what Evolution does.

Note: Although feature 1.2.6 isn't addressed to meet its success criterion, we may be providing alternative links for videos.

The following features may be addressed in the future:

Success Criterion	Level	Included in summer 2023 release	May be addressed in the future	Notes
1.2.8 Media Alternative (Pre-recorded)	AAA	No	✔	Alternative text such as links to the user manual will be provided.
1.4.6 Contrast (Enhanced)	AAA	No	✔	See 1.4.3
1.4.8 Visual Presentation	AAA	No	✔	See 1.4.3
2.5.5 Target Size	AAA	No	✔	See 1.4.4
1.4.10 Reflow	AA	No	✔	

3.3.9 Accessible Authentication (Enhanced)	AAA	No	✔	