

# Software Accessibility Checklist

## Things to Consider when choosing software for educational and business use

**Name of software:** BioRubeBot

**Version:** 2022

**Developer:** Nicholas White & Aaron Agee

**Customization:** N/A

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Category	Question(s)	Yes	No
Keyboard Access	Does the software provide keyboard equivalents for all mouse actions, including buttons, scroll windows, text entry fields, and pop-up windows?		
	Does the program provide clear and precise instructions for use of all keyboard functions as part of the user documentation?		
	Are instructions regarding keyboard use widely available for all users in your component?		
	Does the software have a logical tabbing order among fields, text boxes, and focal points?	X	
	When navigating screens and dialog boxes using the keyboard, does the focus follow a logical tabbing order?		
	Is there a well-defined focal point that moves with the keyboard navigation? (i.e. can you use the arrow keys to navigate through a list followed by pressing the ENTER key or space bar to select the desired item?)		
	Are shortcut keys provided for all pull-down menus?		

	Is there a well-defined focal point that moves with the keyboard navigation? (i.e. can you use the arrow keys to navigate through a list followed by pressing the ENTER key or space bar to select the desired item?)	
	Are shortcut keys provided for all pull-down menus?	
	Does the software support existing accessibility features built in to the operating system? (i.e. sticky keys, slow keys, repeat keys in Apple Macintosh OS or Microsoft Windows 95?)	X
Timing	If timed responses are present, does the software allow the user to modify the timing parameters of any required timed response?	
Screen Elements	Are all descriptions of labels for fields positioned immediately to the left or directly above the control, and do they end in a colon, so that it is easy for screen reading software to associate the labels with the corresponding fields?	
	Does every window, object, and control have clearly named label?	X
	Does the software application use standard controls rather than owner-drawn or custom controls?	
Icons	Does the software have a user selectable option to display text on icons, i.e. text only icons or bubble help?	X
	Is the use of icons consistent throughout the application?	X
	Are menus with text equivalents provided for all icon functions or icon selections on menu, tool, and format bars?	
Sounds	If there are audio alerts, are visual cues also provided?	X
	Does the software support the "show sound"s feature where it is built into the operating system?	
	Can the user disable or adjust sound volume?	X
	If information is provided in an audio format, is it also capable of being displayed by the user in a visual format?	
Display	Is the software application free of patterned backgrounds used behind text or important graphics?	

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	Can a user override default fonts for printing and text displays?	
	Can a user adjust or disable flashing, rotating, or moving displays?	X
Color	Does the software ensure that color-coding is never used as the only means of conveying information or indicating an action?	
	Does the application support user-defined color settings system wide?	
	Is highlighting also viewable with inverted colors?	
Size	If the software application draws its own screen elements, does it pick up the size settings that the user has selected in the Control Panel?	X
Documentation	Are all manuals and documentation provided in electronic format as well as ASCII text files, including text descriptions of any charts, graphs, pictures, or graphics of any nature?	
	Can a user choose to have any report generated by the software made available in a "print to ASCII file" format?	
Training	Is special training provided for users with disabilities that will enable them to become familiar with the software and learn how to use it in conjunction with assistive technology provided as an accommodation?	

\* Developed by  
Department of Justice,  
Software Accessibility  
Checklist  
[www.justice.gov/crt/software-accessibility-checklist](http://www.justice.gov/crt/software-accessibility-checklist)