

## Web Accessibility Quick Checklist for Designers, v0.4

| No. | Heuristic                          | Statement                                                                                                                                                                                                                    | Checkpoints                                                                              | Rating |   |   |     |
|-----|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------|---|---|-----|
|     |                                    |                                                                                                                                                                                                                              |                                                                                          | ★      | ✓ | ✘ | N/A |
| 1   | INTERACTION METHODS AND MODALITIES | Users can efficiently interact with the system using the input method of their choosing (i.e. mouse, keyboard, touch, etc.).                                                                                                 | Are any of the interactions designed to be mouse specific?                               |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is every functionality designed to be fully keyboard accessible?                         |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are features designed to be fully functional using touch screens?                        |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are the design interactions realistic from a tabbing, touch or voice perspective?        |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Can the design interactions be operated through voice commands?                          |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is the number of tab stops limited by combining adjacent links?                          |        |   |   |     |
| 2   | NAVIGATION AND WAYFINDING          | Users can easily navigate, find content, and determine where they are at all times within the system.                                                                                                                        | Are target areas and calls to action set to be at least 44x44 pixels?                    |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is there a clear, visible indicator set on all active elements as they receive focus?    |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Does the page have meaningful title text, with page-specific information going first?    |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are the page title element and H1 the same or similar?                                   |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Does the page have meaningful headings for each major section?                           |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Can the links' purpose be defined from link text alone, or their immediate context?      |        |   |   |     |
| 3   | STRUCTURE AND SEMANTICS            | Users can make sense of the structure of the content on each page and understand how to operate within the system.                                                                                                           | Is a "skip link" provided as the very top of the page, and is it revealed on focus?      |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Does the organization of navigational elements facilitate wayfinding?                    |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is content that looks like headings defined as such?                                     |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is the heading structure hierarchy skipping any levels?                                  |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is information conveyed through sensory characteristics also supported in text?          |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are navigation mechanisms structured using lists?                                        |        |   |   |     |
| 4   | ERROR PREVENTION AND STATES        | Interactive controls have persistent, meaningful instructions to help prevent mistakes, and provide users with clear error states which indicate what the problems are - and how to fix them - whenever errors are returned. | Are data tables clearly assigned header columns and/or rows?                             |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Do groupings of form elements share a common group label?                                |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are all form controls assigned a visible, meaningful text label?                         |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are labels and instructions worded in text, to provide users with adequate support?      |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are labels and instructions displayed in close visual proximity to their controls?       |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are form errors indicated in ways that don't rely on sensory cues alone?                 |        |   |   |     |
| 5   | CONTRAST AND LEGIBILITY            | Text and other meaningful information can be easily distinguished and read by users of the system.                                                                                                                           | Are persistent, visible labels specified on all form controls?                           |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are required fields identified as such in the label text?                                |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are inline error messages provided, with suggestion on how to fix them?                  |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are users expected to remember data from one page to another?                            |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is information conveyed by means other than just color alone?                            |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is the foreground/background contrast ratio of text at least 4.5:1 (3:1 for large text)? |        |   |   |     |
| 6   | LANGUAGE AND READABILITY           | Content on the page can easily be read and understood by users of the system.                                                                                                                                                | Is link text copy assigned a contrast of at least 3:1 against its surrounding text?      |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is the foreground/background contrast ratio of meaningful graphics at least 3:1?         |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is the design exempt of images with embedded text in them?                               |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is line-spacing set to at least 1.5 in paragraphs, and twice as much between them?       |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are the selected typefaces easy to read and do they render properly on mobile?           |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are changes in language within the page specified for assistive technologies?            |        |   |   |     |
| 7   | PREDICTABILITY AND CONSISTENCY     | The purpose of each element is predictable, and how each element relates to the system as a whole is clear and meaningful, to avoid confusion for the users.                                                                 | Is content designed using multiple levels of headings and subheadings?                   |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is content designed in short blocks of text that are easier to manage cognitively?       |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are headings and form labels worded so they are meaningful to users?                     |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are important points formatted into lists that are easy to scan visually?                |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is the content made easier to understand by leveraging plain language principles?        |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is sufficient padding and leading provided to make content easier to read?               |        |   |   |     |
| 8   | TIMING AND PRESERVATION            | Users are given enough time to complete tasks and do not lose information if their time (i.e. a session) runs out.                                                                                                           | Are users informed when setting focus on a control triggers a change of context?         |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are users informed when providing input triggers a change of context?                    |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are repeated navigation patterns consistently presented throughout the interfaces?       |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are recurrent functionalities consistently identified throughout the interfaces?         |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Does the design support both portrait and landscape orientations?                        |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are functionalities and features designed to be easily discoverable?                     |        |   |   |     |
| 9   | MOVEMENT AND FLASHING              | Elements on the page that move, flash, or animate in other ways can be stopped, and do not distract or harm the users.                                                                                                       | Does the design minimize the number of steps required to complete an action?             |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are users provided with a mechanism to ask for time extensions ahead of time?            |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are upcoming session timeouts clearly identified as such in the design?                  |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Can users turn off, adjust or extend time limits when sessions are about to run out?     |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Does the design offer options to postpone or suppress interruptions?                     |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Can users request content updates, instead of content being updated automatically?       |        |   |   |     |
| 10  | VISUAL AND AUDITORY ALTERNATIVES   | Purely visual or auditory content that conveys information has text-based alternatives for users who can't see or hear.                                                                                                      | Is there a mechanism to allow data recovery after users re-authenticate?                 |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Can users save data while filling out forms, so it can be used after re-authentication?  |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Can moving or animated content be paused, stopped, or hidden?                            |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Can auto-updated content be fully controlled by the users?                               |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Can the rate at which content is auto-updated be controlled by the user?                 |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are video and audio files not set to auto-play?                                          |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is audio volume adjustable via a visible control?                                        |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are there any flashing or blinking effects faster than 3 times per second?               |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are users required to react quickly to information or user interface features?           |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are informative images provided with meaningful alt text describing their content?       |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are active images provided with meaningful alt text describing their purpose?            |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are decorative images identified so they can be ignored by assistive technologies?       |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are complex images given alt text and an extended full text description?                 |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Is a transcript placeholder designed for audio-only and video-only content?              |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are synchronized captions provided for pre-recorded videos?                              |        |   |   |     |
|     |                                    |                                                                                                                                                                                                                              | Are audio description tracks provided for pre-recorded videos?                           |        |   |   |     |