**Technical Requirements**

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| Requirement Topic | Requirement |
| Physical keyboard completion | Keyboard should be fully wired.  All keys must be in communication with the software, and wires should be entirely under the keys. |
| Contrast | The user can adjust the contrast.  Background and text should be adjustable between white, black, red, yellow, green, and blue. |
| Transparency | The user can adjust the transparency from 0-100%. |
| Font Types | The user can select Garamond and Sans Serif font options. |
| Font Size Range | 10-100 point |
| Key Size | The user must be able to adjust the onscreen keyboard key size to fit their preference. |
| Preference saving | The program must save and keep all changes to accessibility options between launches. |
| Auditory feedback | The keyboard must provide auditory feedback to the speakers/headphones of the computer. |
| Touch Detection with Proximity Sensors | The capacitive sensors must detect a touch on the outer surface of a key without the user needing to touch the capacitive sensing node. |
| Touch Detection Functionality | Touch detection functionality will need to be given to all the keys on a 60% keyboard. |
| Latency | The duration between when the sensors detect a touch and when that touch is displayed on the app needs to be less than 70ms, as typically users cannot easily notice delays that short. |