**Research On Google Docs**

1. General Application Overview

a. Summarize the purpose of the application and what it does

* With docs, you can access files anywhere as long as you have wifi

b. Provide a screenshot of the application related to accessibility (see below)

c. Provide a screenshot of the application related to regionalization (see below)

2. Accessibility

Accessibility options relate to supporting users with special needs so that they can make effective use of the application in spite of their physical impairment.

a. Visually Impaired

· Explain the issues or difficulties a visually impaired user might have using this application.

* “If you've turned on screen reader support for the Docs editors, the application menu bar includes an Accessibility menu with shortcuts for navigating and reading your document.” (<http://www.afb.org/info/living-with-vision-loss/using-technology/assistive-technology-videos/using-google-docs-and-drive-with-nvda/module-5-google-docs-orientation-and-basic-navigation/12345>)
* “To open the Accessibility menu, press Alt + Shift + a. Press the down arrow to hear options, such as Speak, Comments, Link, Table, and more. Press the right arrow to open a sub-menu, and press Enter to select an option.” (<http://www.afb.org/info/living-with-vision-loss/using-technology/assistive-technology-videos/using-google-docs-and-drive-with-nvda/module-5-google-docs-orientation-and-basic-navigation/12345>)
* <https://www.google.com/docs/about/accessibility/>

· Explain the options, settings, and other supports the application provides for visually impaired users.

* There are settings that allow anyone to speak and whatever is said will be typed
* There are keyboard shortcuts which allow them to control everything from just the keys
* Google docs also has a screen reader which can help the visually impaired with editing, navigating, reading, and collaborating

Hearing Impaired

· Explain the issues or difficulties a hearing impaired user might have using this application.

* There shouldn't be any issues for anyone who has hearing impairment

· Explain the options, settings, and other supports the application provides for hearing impaired users.

* Those with hearing impairment can use docs without assistance because they are able to see the screen

c. Motor Coordination (Use of hands)

· Explain the issues or difficulties a motor impaired user might have using this application.

* They will not be able to see the keyboard so the first time they use it they will have to learn and memorize all the keys. Only if they know the keys they can use the keyboard shortcuts.
* They would need a bit of help at first so that they can know what everything is.

· Explain the options, settings, and other supports the application provides for motor impaired users.

* There is something called a screen reader. It can help someone who is visually impaired navigate around google docs
* There are also keyboard shortcuts that make it a lot easier to use google docs
* <https://support.google.com/a/answer/2821355?hl=e>

d. Imagine that the application was designed for an impaired person from the ground up. Assuming that it would still be designed for non-impaired users, how might it be different from the current application?

3. Regionalization

Regionalization options relate to supporting users living in different countries or speaking different languages. Regionalization also considers differences in date & time formats and different measurement units for temperature and distance.

a. Language

· Explain the issues or difficulties this application would present to a non-English speaking user.

* There are only a few languages available to be used on google docs and these languages are ones that are spoken by a very large group of people.

· Explain the options, settings, and other supports the application provides for different languages.

* Languages that do not use similar alphabets like English are provided with a different keyboard and a small handwritten screen that allows the user to write the letter they need.
* A speaker is also provided that helps the user through typing the word while the user is speaking.

b. Location

· Explain the issues or difficulties this application would present to a user living outside of North America.

* Since English is a universal language, the default language for google docs is kept to English
* Few countries have banned Google
* Some countries do not rely on google

· Explain the options, settings, and other supports the application provides for different locations.

* No changes will be made even if we change location.

c. Imagine that the application was designed by a company from a small country like Sweden. Assuming that it would still be designed for North American users, how might it be different from the current application?

* The official languages of Sweden would be found in the language list.
* The default language for google docs would most likely be English as it is a universal language
* Almost all countries around Sweden would have access to google docs than the countries around North America.