**Overview:**

Students work in partners to create a presentation on the subject of the accessibility and regional settings and options available in their assigned software application. The target audience for the presentation will be the ICS2O0 class and target length for the presentation will be 12 minutes (12 slides).

**Objectives:**

* To explore the Accessibility and Regional Equity options that must be considered when designing software applications
* To identify some common configuration options and settings that may be used when installing and running common software applications.

**Instructions:**

Work with a partner to research and prepare a presentation (12 min, 12 slides) on your assigned software application.

Share your completed presentation with Mr. Nestor ([p0079141@pdsb.net](mailto:p0079141@pdsb.net)) using Google Docs or using Email.

Presentations will be given in class starting Monday, March 18th.

**Presentation Outline:**

1. General Application Overview
   1. Summarize the purpose of the application and what it does

**Snapchat**’s **purpose** is that its a messaging application but a special feature that separates it from other applications is that the sent messages and photos delete themselves after you open it.

* 1. Provide a screen shot of the application related to accessibility (see below)

Done

* 1. Provide a screen shot of the application related to regionalization (see below)

Done

1. 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.
   1. Visually Impaired
      * Explain the issues or difficulties a visually impaired user might have using this application.
      * Explain the options, settings, and other supports the application provides for visually impaired users.

-People who have this disability will be seeing blurry

-No different option because, your friends send you a picture and there will be no explanation

-Unless they send video

-VoiceOver (Apple) or TalkBack (Android)

-Inlargen font or change color of text

* 1. Hearing Impaired
     + Explain the issues or difficulties a hearing impaired user might have using this application.
     + Explain the options, settings, and other supports the application provides for hearing impaired users.

-Snapchat, unfortunately does not support these people unless you have Hear 'n Aid

-VoiceOver or TalkBack will help you for any messages that comes to you

-Majority of snapchat are pictures

* 1. Motor Coordination (Use of hands)
     + Explain the issues or difficulties a motor impaired user might have using this application.
     + Explain the options, settings, and other supports the application provides for motor impaired users.

-Using snapchat will require your hands only

-Not much neck movement

-Anybody with a walking disability can use this (People paralyzed waist and below)

* 1. 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?

-It will be different because they would not be capable to visually see what they’ve received

-If friend sends video you can hear

-If messaging VoiceOver or TalkBack can help you

1. 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.
   1. Language
      * Explain the issues or difficulties this application would present to a non-English speaking user.
      * Explain the options, settings, and other supports the application provides for different languages.

22 languages out of about 6,500 languages spoken in the world are available on snapchat today the only way for those people to use snapchat is for those people is they will have to learn one of the 13 languages

* 1. Location
     + Explain the issues or difficulties this application would present to a user living outside of North America.
     + Explain the options, settings, and other supports the application provides for different locations.

A few places where snapchat is blocked are:

* Qatar
* Saudi Arabia
* UAE
* North Korea
* China

And for these place there is nothing they can do but for places were it can be used you would have to learn one of the languages available.

* 1. 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?

-Logo and layout / Design of app

-Less features that Americans want would be added

-Less features for the disabled because less workers working on it

-Less updates

**Topic Signup Sheet**

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| --- | --- | --- |
| **Software Application** | **Partner #1** | **Partner #2** |
| Microsoft Word |  |  |
| Microsoft PowerPoint |  |  |
| Microsoft Excel |  |  |
| Microsoft Edge |  |  |
| Chrome |  |  |
| Snapchat | Manvir Toor | Faheem |
| Instagram |  |  |
| YouTube |  |  |
| Google Maps |  |  |
| Google Docs |  |  |
| Adobe Photoshop |  |  |
| iTunes |  |  |
| Windows Operating System |  |  |
| Android Operating System |  |  |
| iOS Operating System |  |  |