**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
   2. Provide a screen shot of the application related to accessibility (see below)
   3. Provide a screen shot 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.
   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.
   2. 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.
   3. 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.
   4. 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.
   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.
   2. 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.
   3. 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?

**Topic Signup Sheet**

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