**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) using Google Docs or using Email.

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

**Presentation Outline:**

1. General Application Overview

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

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

c. 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.

a. 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.

b. 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.

c. 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.

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.

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

b. 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.

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?

Script:

Slide 1:

Manvir:

Hi my name is Manvir

Faheem:

Hi my name is Faheem

Manvir:

The application we are doing is Snapchat

Slide 2:

Manvir:

**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.

Slide 3:

Manvir:

Screen shot of the application related to regionalization is the language setting page so the application can be used in more countries

Slide 4:

Manvir:

There aren’t any pictures of the application where it is helping users with disabilities but there are many setting in ios and android device which can be used to make the disabled user experience a bit more easier.

Slide 5:

Manvir:

Regionalization

Slide 6:

Manvir:

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

Slide 7:

Manvir:

A few places where snapchat is blocked are:

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

Slide 8:

Manvir:

If it were designed by a company in a small country the would very much still the same app but might have a few minor changes like the logo and it also might have also had have more of a difficult time launching and knowing what Americans wanted in the app.

Slide 9:

Faheem:

Accessibility

Slide 10:

Faheem:

* 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

Slide 11:

Faheem:

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

-Majority of snapchat are pictures

* 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

Slide 12:

Faheem:

* Using snapchat will require your hands only
* Not much neck movement
* Anybody with a walking disability can use this (People paralyzed waist and below)

Slide 13:

Faheem:

* 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