TeachAIDS WebApplication Assessment
Critial Point Identifier

October 22, 2013

1 Features

1.1 Loads a specified audio file (hosted online) to the app

It appears to only take in files that can be acessed from a browser.

1.2 Records the duration (time) into audio file that the 'Pause' toggle is pressed

Data is recorded in number of seconds into the output text panel as a comma separated list
Can support a virtually unlimited number of critical points hit

1.3 Users can copy/paste the comma separated values from the 'Output' panel

It is up to the user's discretion what they want to do with the output values/where they want to save them

1.4 'Stop' button refreshes output panel and restarts audio

Note: output panel is cleared and the audio starts in a paused state at time 0

2 Limitations

2.1 Video is not currently supported

Video would help the user look at visual cue points. For example, identifying where a subtitle is too long to be read in the given amount of time.

2.2 Can only record critical points for one particular purpose at a time

For example, if you want to look for both times where the HIV text is said/needs to appear on the screen add additionally times that the characters refer to Triangle Test

2.3 Identifying metadata along with the critical points would be helpful

This would include recording the audio/video file along with the critical points - so you can tell what file is associated with a particular string of points. And, in a similar vein, recording the purpose for a particular pass would be helpful - a simple dialog box detailing what the critical points in a particular session are for.

2.4 A 'Download File' option or 'Save' Option could prevent loss of data

Additionally this would allow the user (likely a translator) to store their work with the click of a button rather than having to remember to copy/paste the output into their own document. If their was an autosave panel that remains static across multiple sessions that would also be useful. The user could choose to add their work to that particular panel if they believe that their timings are correct.

2.5 Error Messages/Feedback may be necessary

Currently if the app is unable to load a file, for example, it simply remains in a static state 'Loading...' which isn't helpful to the end user. We should add a popup dialog that informs the user if their file is incorrect.

3 Benefits

3.1 Improve Collaboration Between TeachAIDS and Translators

This sets the standard for how critical points are identified, which will minimize miscommunication.

3.2 Critical Points are identified in terms of audio files

This parallels the structure that we are using where the as3's corresponding textfiles are being written with regard to their association with a chapter and within that, an audio file.