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6/11/2019

LabVIEW Vocab Flashcards

The purpose of this application is to save important terminology and definitions in one location that can be accessed similarly to traditional flashcards.

*Note: When I use the phrase 'Vocab Word' I am referring to the grouping of the actual Word, Definition, and Image or Video Link.

Terminology Parameters:

Each word must have the following associated information:

- Word
- Definition
- Image or Video Link

Additional required Indicators & Controls:

- Stop Button - Boolean
- Open Link Button - Boolean
- Total # of Vocab Words - Numeric Indicator
- Word Index – Numeric Control
- Random Word Button – Boolean
- Save Button – Boolean
- Header – String Indicator

Modes of Operation:

- Manual Word Mode
    - Using the 'Word Index' control, the user can manually step through each vocab word or skip ahead by typing the index location.
- Random Word Mode
    - Using the 'Random Word' control, the user is displayed a random vocab word from their list.
- Insert Word Mode
    - The user inputs a word, definition, & image link. When satisfied with entry, the user clicks the 'Save' button which saves the new vocab word to the csv file and is immediately accessible via manual or random mode.

Functional Requirements:

- The Vocab words are loaded and written via a CSV file.
- The 'Open Link' button follows the URL link to the website via the default internet browser
- The 'Header' string tells the user what mode the application is in.