Claims

1. A method for displaying a string of text, the method comprising:

dividing the string of text into a plurality of substrings; and

for each substring of the plurality of substrings:

determining a complexity index of the substring;

determining a display duration of the substring based on the determined complexity index; and

displaying the substring for the determined display duration, wherein the determined display duration of the substring is at least substantially proportional to the determined complexity index.

2. The method of claim 1, wherein the substring is displayed after a preceding substring has ceased to be displayed.

3. The method of any one of claims 1 to 2, wherein each substring of the plurality of substrings comprises at least one word.

4. The method of any one of claims 1 to 3, wherein dividing the string of text into the plurality of substrings comprises identifying words in the string of text.

5. The method of claim 4, wherein identifying words in the string of text comprises

recognizing space symbols in the string of text;

identifying strings of characters that are at least one of between two space symbols, between a start of the string of text and one space symbol, or between one space symbol and an end of the string of text; and

classifying the identified strings of characters as words.

6. The method of any one of claims 4 to 5, further comprising identifying phrases in the string of text, wherein each phrase comprises a plurality of identified words.

7. The method of claim 6, wherein identifying phrases in the string of text comprises matching successive identified words against predefined phrases in a language database.

8. The method of any one of claims 1 to 7, wherein determining the complexity index of the substring comprises at least one of determining a number of characters in the substring, and determining the complexity index of the substring comprises determining a frequency of occurrence of the substring in a database representing common language usage

9. The method of any one of claims 1 to 8, wherein determining the complexity index of the substring comprises classifying the substring into a category out of a plurality of categories, the plurality of categories comprising at least one of academic vocabulary, technical vocabulary and common vocabulary.

10. The method of claim 9, wherein each category is associated with a respective complexity index.

11. The method of any one of claims 1 to 10, further comprising:
determining a language of the string of text.

12. The method of any one of claims 1 to 11, further comprising:
for each substring of the plurality of substrings:
modifying the determined display duration of the substring based on at least one of a preceding substring or a succeeding substring.

13. The method of claim 12, wherein modifying the determined display duration of the substring is based on at least one of a difference between a complexity index of the substring and a complexity index of the preceding substring, or a difference between the complexity index of the substring and a complexity index of the succeeding substring.

14. The method of claim 12, wherein modifying a determined display duration of the substring is based on at least one of the determined display duration of the preceding substring or the determined display duration of the succeeding substring.

15. The method of claim 14, wherein modifying a determined display duration of the substring comprises increasing the determined display duration when the difference between the determined display duration of the preceding substring and the determined display duration of the succeeding substring is more than a predetermined threshold.

16. The method of any one of claims 1 to 15, wherein the plurality of substrings are successively displayed according to a sequence of the substrings within the string of text.

17. A wearable device comprising:

a processor configured to divide a string of text into a plurality of substrings,

wherein the processor is further configured to determine a complexity index of each substring of the plurality of substrings, and further configured to determine a display duration of each substring of the plurality of substrings based on a respective determined complexity index; and

a display configured to display each substring of the plurality of substrings for the respective determined display duration, wherein a respective determined display duration of the substring is at least substantially proportional to the respective determined complexity index.

18. The wearable device of claim 17,

wherein the processor is further configured to control the display to display each substring after a display duration of a preceding substring has ended.

19. The wearable device of any one of claims 17 to 18, wherein the wearable device is one of a fitness tracker, an activity tracker, a health monitor, a watch, a communication device or a media player.

20. A non-transitory computer-readable medium comprising instructions which, when executed by a processor, causes the processor to perform a method for displaying a string of text, the method comprising:

dividing the string of text into a plurality of substrings; and

for each substring of the plurality of substrings:

determining a complexity index of the substring;

determining a display duration of the substring based on the determined complexity index; and

displaying the substring for the determined display duration, wherein the determined display duration of the substring is at least substantially proportional to the determined complexity index.