stl version v3.8.0.0

Date: 2024.07.24

Issues in Milestone

- [12] `#autosub` Make a settings to choose between send to TCP/UDP and write into file

Features

`#autosub` Make a settings to choose between send to TCP/UDP and write into file

Changed ApplicationSettings.json file. Added settings `subtitle_write_mode` and `subtitle_srt_path`:

```
subtitle_write_mode - Choose what to do with the received transcriptions
    0: Send via TCP or UDP as Newfor
    1: Write to file as SRT


subtitle_srt_path - if subtitle_write_mode is 1, this is the path to the SRT
file
```

Если `subtitle_write_mode = 1` мы записываем полученные transcriptions в файл указанный в `subtitle_srt_path`.

In this case, to determine the subtitle time, we use the following scheme:
When we receive the first subtitle, we do not write it to a file, but wait for the next one.
When we get the next subtitle, we subtract the creation time of both subtitles and get the duration of the previous subtitle.
This way we can fill the time value in SRT.
But with this approach, we may not record the last transcription received.

```
 1   1
 2   00:00:00,000 --> 00:00:02,432
 3   So I want to start by offering you
 4   a free, no tech life hack. And all
 5
 6
 7   2
 8   00:00:02,432 --> 00:00:04,870
 9   a free, no tech life hack. And all
10   it requires of you is this. That
11
12
13   3
14   00:00:04,870 --> 00:00:07,351
15   it requires of you is this. That
16   you change your posture for
17
18
19   4
20   00:00:07,351 --> 00:00:09,764
21   you change your posture for
22   two minutes. But before I give it
23
24
25   5
26   00:00:09,764 --> 00:00:12,194
27   two minutes. But before I give it
28   away, I want to ask you to right
29
30
31   6
32   00:00:12,194 --> 00:00:14,620
33   away, I want to ask you to right
```