[USE CASE]

Description:
1. System accepts a 1-liner of input text from a file.
2. System validates input and segments it into separate sentences.
3. Displays all identified sentences line-by-line.

[Trigger]
1. System executes with provided input text chunk.

[Constraints]
1. Number of chars in every input >2 and <= 10000.
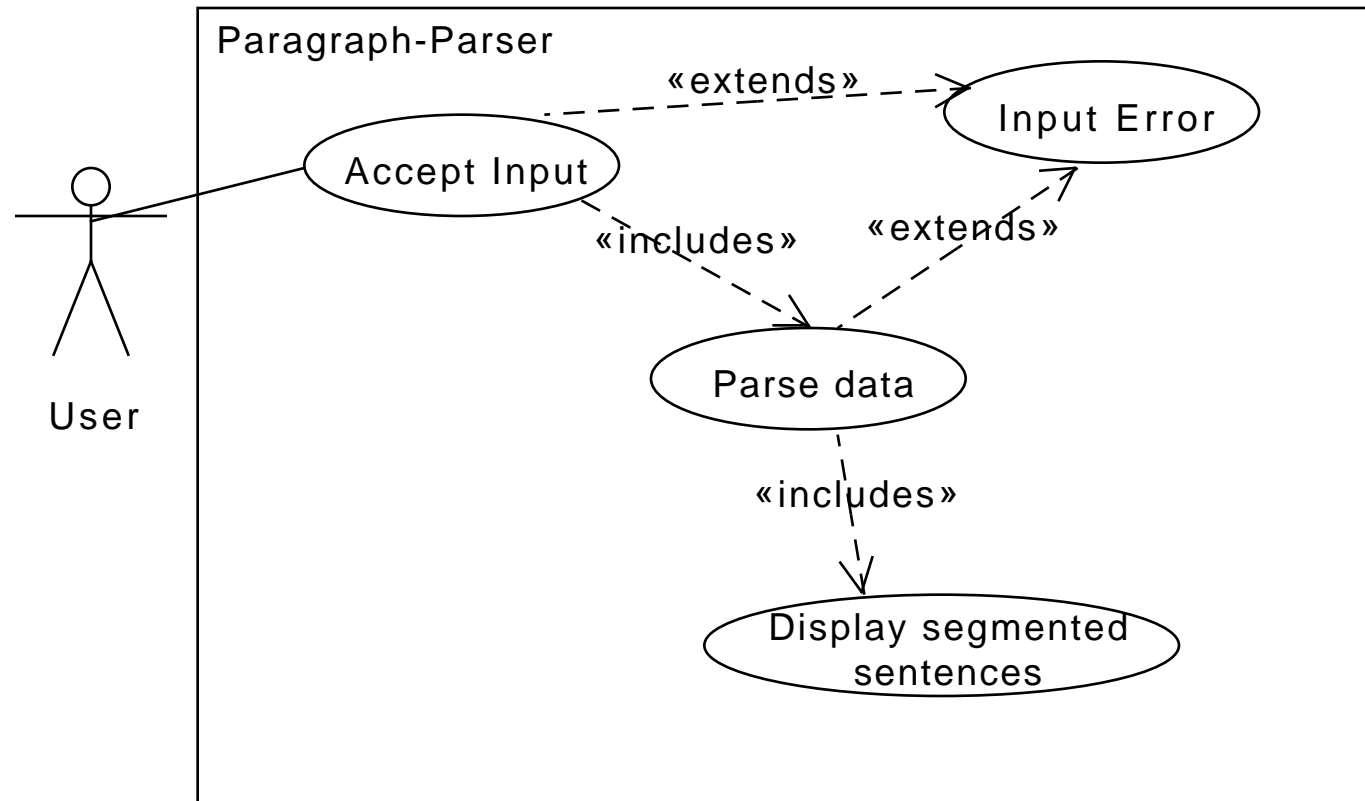2. Number of words in every input <= 1000.
3. Number of sentences > 1 and <= 30.
4. Each sentence will consist of chars > 2 and <= 1000.

[Goals] (Successful Conclusion)
1. Display all segmented sentences from input chunk on console.

[Failed Conclusion]
1. Missing / empty input.
2. Malformed input (i.e. does not obey constraints).

Paragraph-Parser

User

[Steps of execution](Requirements)

1. Program starts.
1A. Input file missing/empty.
1B. Alert user and prompt/exit.
2. Parse input.
2A. Malformed input (i.e. disobeys contraints).
2B. Alert user and prompt/exit.
3. Input validated.
4. Display all identified sentences line-by-line.
5. prompt user for more input files/exit.