**User Stories**

1. Banker

As a Banker, I want to submit a banking document so that the text can be formatted to fit into the predefined format.

1. Publisher

As a publisher, I want to submit an article as an input so that it can be formatted to fit into a news column.

1. User

As a user, I want to specify whether to align text left or right so that the text can fit into different kinds of columns.

As a user, I want the system to show some analysis results so that I can analyze the text file based on these results.

1. Product Owner

As a product owner, I want the program to format a text file of any size so that any type of users can use the program.

**Sample Input and Output**

1. A text file with all characters in one line.

**// left justified**

**Input text**

A text file is a kind of computer file that is structured as a sequence of lines of electronic text

**Output text**

A text file is a kind of computer file that is structured as a sequence of

lines of electronic text

**Analysis**

# words processed: 20

# lines: 2

# blank lines removed: 0

Average words/line: 10

Average line length: 49

**// right justified**

**Input text**

A text file is a kind of computer file that is structured as a sequence of lines of electronic text

**Output text**

A text file is a kind of computer file that is structured as a sequence of

lines of electronic text

**Analysis**

# words processed: 20

# lines: 2

# blank lines removed: 0

Average words/line: 10

Average line length: 49

1. A text file with different number of characters in lines.

**// left justified**

**Input text**

A text

file is a kind of

computer

file that is structured

as a

sequence of lines of electronic text

**Output text**

A text file is a kind of computer file that is structured as a sequence of

lines of electronic text

**Analysis**

# words processed: 20

# lines: 2

# blank lines removed: 0

Average words/line: 10

Average line length: 49

**// right justified**

**Input text**

A text

file is a kind of

computer

file that is structured

as a

sequence of lines of electronic text

**Output text**

A text file is a kind of computer file that is structured as a sequence of

lines of electronic text

**Analysis**

# words processed: 20

# lines: 2

# blank lines removed: 0

Average words/line: 10

Average line length: 49

1. A text file with blank lines

**// left justified**

**Input text**

A text file is a kind of

computer file that is structured as a sequence of lines of electronic text

**Output text**

A text file is a kind of computer file that is structured as a sequence of

lines of electronic text

**Analysis**

# words processed: 20

# lines: 2

# blank lines removed: 2

Average words/line: 10

Average line length: 49

**// right justified**

**Input text**

A text file is a kind of

computer file that is structured as a sequence of lines of electronic text

**Output text**

A text file is a kind of computer file that is structured as a sequence of

lines of electronic text

**Analysis**

# words processed: 20

# lines: 2

# blank lines removed: 1

Average words/line: 10

Average line length: 49

1. A text file with tabs.

**// left justified**

**Input text**

A text file is a kind of computer file that is structured as a sequence of lines of electronic text

**Output text**

A text file is a kind of computer file that is structured as a sequence of

lines of electronic text

**Analysis**

# words processed: 20

# lines: 2

# blank lines removed: 0

Average words/line: 10

Average line length: 49

**// right justified**

**Input text**

A text file is a kind of computer file that is structured as a sequence of lines of electronic text

**Output text**

A text file is a kind of computer file that is structured as a sequence of

lines of electronic text

**Analysis**

# words processed: 20

# lines: 2

# blank lines removed: 0

Average words/line: 10

Average line length: 49

1. A text file with characters longer than 80 characters

**// left justified**

**Input text**

AtextfileisakindofcomputerfilethatisstructuredasasequenceoflinesofelectronictextAtext file exists stored as data within a computer file system

**Output text**

AtextfileisakindofcomputerfilethatisstructuredasasequenceoflinesofelectronictextAtext

file exists stored as data within a computer file system

**Analysis**

# words processed: 11

# lines: 2

# blank lines removed: 0

Average words/line: 5.5

Average line length: 70.5

**// right justified**

**Input text**

A text file is a kind of computer file that is structured as a sequence of lines of electronic text

**Output text**

AtextfileisakindofcomputerfilethatisstructuredasasequenceoflinesofelectronictextAtext

file exists stored as data within a computer file system

**Analysis**

# words processed: 11

# lines: 2

# blank lines removed: 0

Average words/line: 5.5

Average line length: 70.5