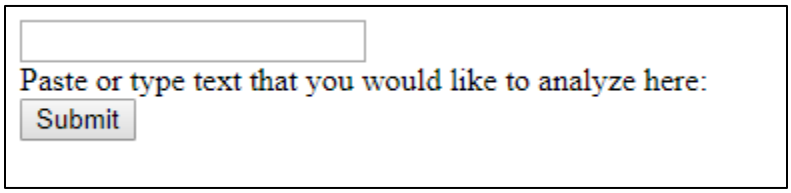
USER DOCUMENTATION: FE595 – Midterm Project

1. Please open the URL below in a web browser:

   http://3.82.144.187:8080/

2. The following window will appear in your browser:



3. In the text box, please enter your sentence or a text. Make sure the text does not contain any special characters as they are not accepted in this code.

4. Please select one of the following options: Tags, Sentiment, Noun Phrases, Ngrams, Sentences and Translate.
   a. Tags – This option will tell the user which kinds of words are in the sentence or text provided.
   b. Sentiment – This option will tell the user whether the text entered has a positive or negative sentiment.
   c. Noun Phrases – This option will tell the users which of the words in the provided text or sentence are nouns.
   d. Ngrams – This option allows for a continuous sequence of 2 items from the sentence to be separated into separate text blocks.
   e. Sentences – This option will tell you how many sentences are in your text, it will count the total number of words within a sentence, it will allow you to select a certain sentence number and it will allow you to select a certain word within a certain sentence.
   f. Translate – This option will translate your text into any of the following languages: English, Arabic, Chinese, Spanish, Thai, Russian, Portuguese, Japanese, Greek, German, French or Dutch.

5. The following short text is used as an example: Hi there, this is our web page for our final project. We hope you enjoy the experience.

6. Tags

Hi there, this is our web page
Paste or type text that you would like to analyze here:
Your input has been accepted. The following options are available to process input text: Tags, Sentiment, Noun Phrases, Ngrams, Sentences and Translate
Tags
[('Hi', 'NNP'), ('there', 'RB'), ('this', 'DT'), ('is', 'VBZ'), ('our', 'PRP$'), ('web', 'JJ'), ('page', 'NN'), ('for', 'IN'), ('our', 'PRP$'), ('final', 'JJ'), ('project', 'NN'), ('We', 'PRP'), ('hope', 'VBP'), ('you', 'PRP'), ('enjoy', 'VBP'), ('the', 'DT'), ('experience', 'NN')] Thank You!
Submit

7. Sentiment

Hi there, this is our web page
Paste or type text that you would like to analyze here:
Your input has been accepted. The following options are available to process input text: Tags, Sentiment, Noun Phrases, Ngrams, Sentences and Translate
Sentiment
The sentiment of the input text is Negative Thank You!
Submit

8. Noun Phrases

Hi there, this is our web page
Paste or type text that you would like to analyze here:
Your input has been accepted. The following options are available to process input text: Tags, Sentiment, Noun Phrases, Ngrams, Sentences and Translate
Noun phrases
['hi', 'web page', 'final project'] Thank You!
Submit

9. Ngrams

Hi there, this is our web page
Paste or type text that you would like to analyze here:
Your input has been accepted. The following options are available to process input text: Tags, Sentiment, Noun Phrases, Ngrams, Sentences and Translate
Ngrams
[WordList(['Hi', 'there']), WordList(['there', 'this']), WordList(['this', 'is']), WordList(['is', 'our']), WordList(['our', 'web']), WordList(['web', 'page']), WordList(['page', 'for']), WordList(['for', 'our']), WordList(['our', 'final']), WordList(['final', 'project']), WordList(['project', 'We']), WordList(['We', 'hope']), WordList(['hope', 'you']), WordList(['you', 'enjoy']), WordList(['enjoy', 'the']), WordList(['the', 'experience'])] Thank You!
Submit

10. Sentences

Hi there, this is our web page
Paste or type text that you would like to analyze here:
Your input has been accepted. The following options are available to process input text: Tags, Sentiment, Noun Phrases, Ngrams, Sentences and Translate
Sentences
Which sentence would you like to view? Enter index number here:
1
Would you like to count the number of words in the sentence?
yes
Would you like to display Word Inflection?
yes
Enter any number index for the word you would like to singularize:
1
Total number of words in text entered is : 17 Total number of sentences in text entered is : 2 The text below corresponds to sentence # 1: Hi there, this is our web page for our final project. The number of words in this sentence is: 11 there Thank you!
Submit

11. Translate

Arabic:

: Hi there, this is our web pag
Paste or type text that you would like to analyze here:
Your input has been accepted. The following options are available to process input text: Tags, Sentiment, Noun Phrases, Ngrams, Sentences and Translate
Translate
Choose 1 translation option from the following list of languages: English, Arabic, Chinese, Spanish, Thai, Russian, Portuguese, Japenese, Greek, German, French, Dutch
Arabic
: مرحبا هناك ، هذه هي صفحة الويب الخاصة بنا لمشروعنا النهائي. نأمل أن تستمتع التجربة Thank you!
Submit

Chinese:

Hi there, this is our web page
Paste or type text that you would like to analyze here:
Your input has been accepted. The following options are available to process input text: Tags, Sentiment, Noun Phrases, Ngrams, Sentences and Translate
Translate
Choose 1 translation option from the following list of languages: English, Arabic, Chinese, Spanish, Thai, Russian, Portuguese, Japenese, Greek, German, French, Dutch
Chinese
您好，这是我们最终项目的网页。我们希望您喜欢这种体验 Thank you!
Submit

Spanish:

Hi there, this is our web page
Paste or type text that you would like to analyze here:
Your input has been accepted. The following options are available to process input text: Tags, Sentiment, Noun Phrases, Ngrams, Sentences and Translate
Translate
Choose 1 translation option from the following list of languages: English, Arabic, Chinese, Spanish, Thai, Russian, Portuguese, Japenese, Greek, German, French, Dutch
Spanish
Hola, esta es nuestra página web para nuestro proyecto final. Esperamos que disfrutes la experiencia Thank you!
Submit