

# ClearViz

minimally viable project presentation

# overview/ summary

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## **what is ClearViz?**

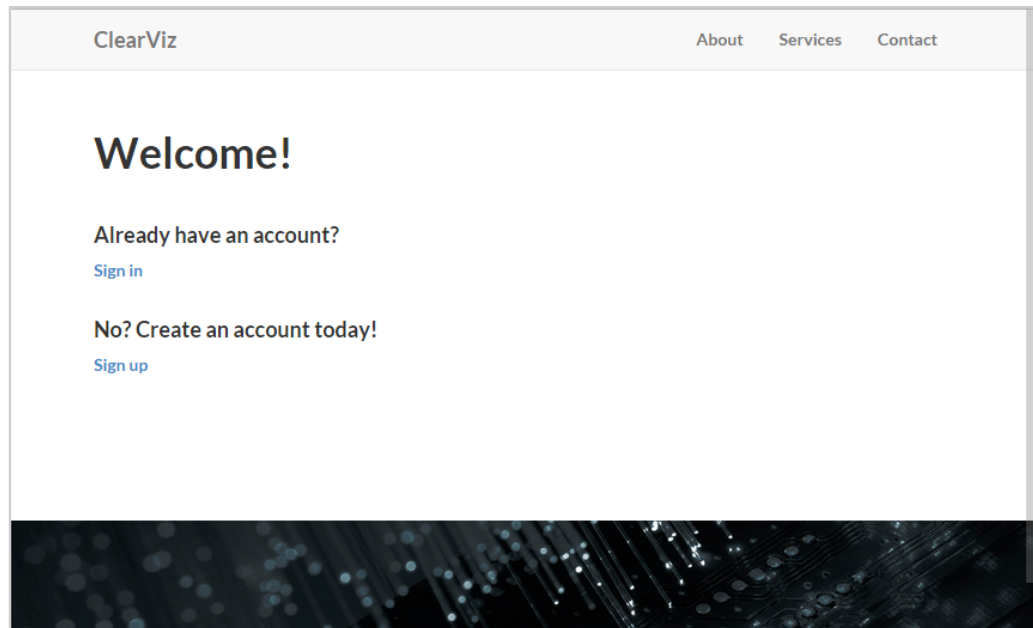
visualization website for ClearNLP (Natural Language Processing)

## **primary goals:**

1. Demonstrate ClearNLP's features and performance to potential users through a simplistic and easy to use interface.
2. Offer a complete NLP processing API and website ~~at a competitive price range.~~

# instructions: how to use

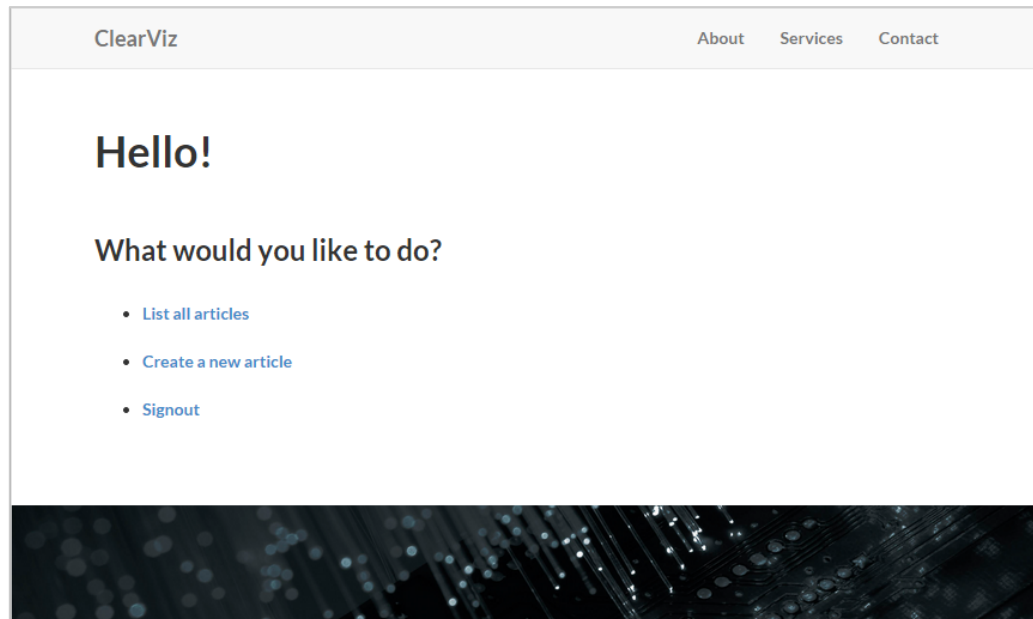
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first, create a personal account

# instructions: how to use

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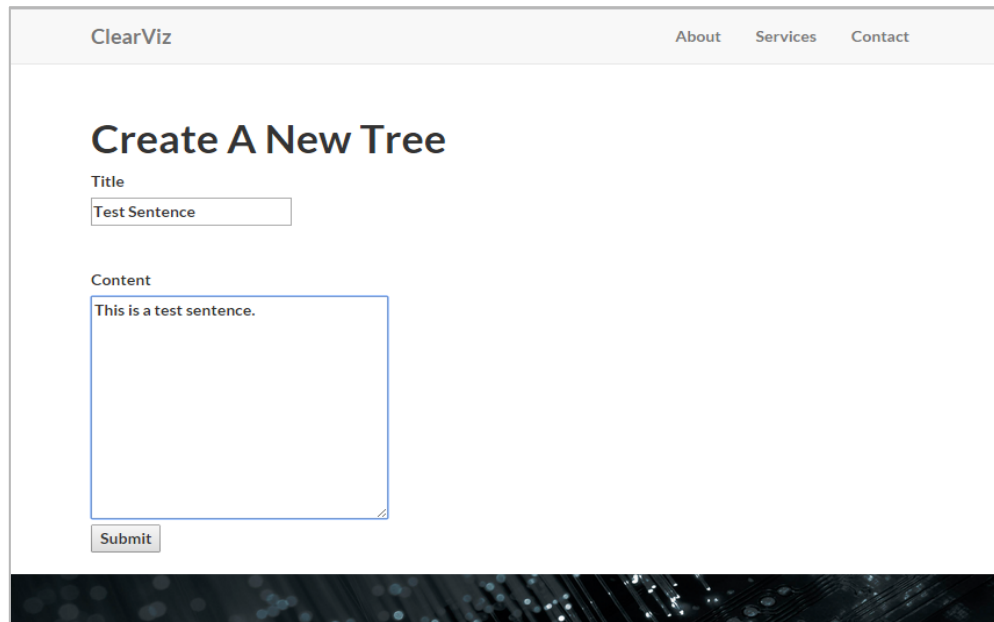


user is greeted with three options

first time users: create a new article (sentence to be analyzed)

# instructions: how to use

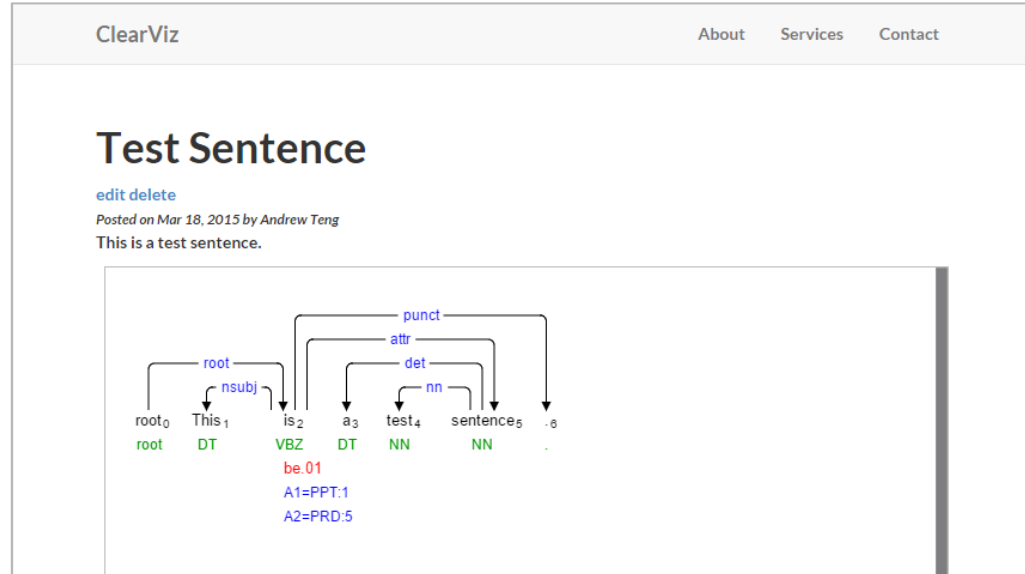
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The screenshot shows a web interface for 'ClearViz'. At the top, there is a navigation bar with the logo 'ClearViz' on the left and links for 'About', 'Services', and 'Contact' on the right. The main content area is titled 'Create A New Tree'. Below this title, there are two input fields: a 'Title' field containing the text 'Test Sentence' and a larger 'Content' field containing the text 'This is a test sentence.'. At the bottom of the form, there is a 'Submit' button. The entire form is set against a light gray background, and the bottom of the page features a dark, abstract graphic with glowing blue and white dots.

create a new tree by typing in a sentence to be analyzed

# instructions: how to use



~~click process and view analyzed sentence~~

user can now immediately see the analyzed sentence

# what was done so far

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## what was iterated and needs input?

create account

user login/ authentication

mongoDB is set up

tree

- display
- create
- delete

**Survey Link:** <http://goo.gl/forms/JsMNLpq8Zz>

**Project Link:** <http://52.1.147.106:3000/>

# what's next

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## **what was iterated and needs input?**

- Tree
- Site Navigation
  - Fix Header/ Footer Links
- Consistent Visualization Throughout
- Implement index with modals
- A crucial (yet often forgotten) back button
- Enter multiple sentences



# OO design & unit testing

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- Objects: User, Trees
- Jasmine framework for AngularJS unit testing
- Using the Karma test runner

# links

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we would love to hear your feedback!

**Survey Link:** <http://goo.gl/forms/JsMNLpq8Zz>

**GitHub Link:** <https://github.com/CS370-soft-eng-practicum/ClearViz>

**Project Link:** <http://52.1.147.106:3000/>

thank you!