

# **"Web-based visualization and corpus management for language modeling"**

Weekly Progress Report 7

Customer - Prof. Dr. Dietrich Klakow

Developer

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Submission Date -29/12/2015

## **Project description:**

Task is to develop an on-line system for visualizing how the current words influencing the future words of a text. Many different language model implementations exist (including one designed for this task) for integration into our visualization system. These language models has to be connected with the right visualizations.

## **Progress**

This week was the third week of second iteration. We prepared four UML use cases. Now we have a total 6 use cases uploaded in the repository. We have implemented majority (around 90%) of the must-have functionality from the corpora section of the project. And taking into account other tracks namely language modeling and run experiment, overall around 75 % of must have featured have been implemented. The updated code has been pushed to Git.

## **What has been done**

- UML Diagrams
- Third prototype presentation: Uploading corpora in the corpora section.
- Use cases

## **Ongoing work**

Implementing the remaining must have features

## **Plans for the next week**

Plan and execute the development of the remaining must have features.

## **Problems**

1. Issues related to static files being not displayed are resolved successfully.
2. A new issue related to add new corpora form has been reported. Planned to solve by next week.