Project Plan

Master Project:
Web Interfaces for Language Processing Systems

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1 TODO-List

1.1 Entity recognition

- Install New/s/leak on local machine (also in Docker)

- Implement right click behavior on words

- Create black- and white-list in backend (DocumentService.scala)

  - Logic for right click behaviour is in NetworkController.js
  - This logic needs to be implemented in DocumentController.js to create a div when rightclicking and to create a add/remove to/from Blacklist option with an own function behind it
  - the function should be called in DocumentService.scala

- Update elasticsearch indexes

- Present list with found entities before adding to black-list

- Log user decision of entity list

1.2 Keyword recognition

- Insert better algorithm for keyword finding?

- Create another graph for keywords next to the entity graph? Maybe choose another display option.

- Display the found keywords within a mail and next to entities of the entity graph nicely, e.g. sizing words based on frequency/importance/...

2 Mile Stones

1. Setup project

   - Getting familiar with technologies/programming languages etc.
   - Implementing a functionality to right click on the frontend and call a function in the backend

2. Improving Entity recognition

   - Inserting/deleting words to/from blacklist
   - Creating option list of found entities that can be deleted $\Rightarrow$ Log the decision
   - Updating the elasticsearch indexes appropiately

3. Improving keyword recognition

   - Replace or improve the keyword recognition algorithm
   - Choose a method to display found keywords niceley within an email
   - Choose a method to display found keywords nicely within the Entity Graph and in an overall view of keywords
   - First idea: sizing words based on frequency/importance etc.