Bachelor/Master Thesis Proposal

1. Problem definition
    a. What is the general research area of your thesis?

Social Media	
Educational NLP	
Other, please specify: _____	

    b. What is the main hypothesis/es which you would like to test with your thesis or the main research question(s) you would like to answer?

    c. What contributions will your thesis likely make, please tick all applicable:

Data	Annotation (e.g. WebAnno)	
	Data Collection (e.g. collecting tweets)	
	User Study (e.g. conducting a survey)	
Evaluation	Statistical Analysis (e.g. descriptive corpus statistics, significance testing)	
	Performance Analysis (e.g. evaluating existing tools)	
	Qualitative Analysis (e.g. discussing example cases for error analysis)	
Development	Applying Machine Learning (e.g. feature engineering, deep learning, ...)	
	User Interface (e.g. interactive vizualization)	
	New Algorithmic Solutions (e.g. ranking procedures)	
	Engineering NLP Workflows (e.g. building a new dkpro component)	

2. State of the Art + own Contribution:
    What are the most central articles for your thesis? Please list at least three. Consider especially papers, where people adressed the same or a similar task. How is your work related to them? What are differences and commonalities, especially what is the new contribution your thesis makes?

3. Operationalization/Conceptualization
    Please specify your research plan, i.e. describe in detail how you would proceed to answer your research question(s). Consider especially, which resources (data, lexica, tools, libraries, ...) you will use, how you will implement your approach and how it will be evaluated. List your planned experiments and user studies, if any.

4. Personal Background
    a. What is your previous experience with NLP in general and your topic in particular?

    b. How familiar are you with the methods or data that you plan to use?

    c. What is your programming background, especially with respect to the programming languages and frameworks you would like to use.