Description for Independent Study or Bachelor thesis

**Topic:** Recommender Systems, (Smart) Glossaries - State-of-the art (Systematic Literature Review)

**Research Questions (RQ)**

**RQ1:** When, which and how are glossaries used? Why, why not? (Part 1)

**RQ2:** How can we increase the usage and improve the impact of glossary usage in IT-projects? (Part 2)

**Part 1 (3/6 Credits):** The first part of study is Systematic Literature Review (SLR) to answer the RQ1.

To verify SLR results and our ideas, we will make interviews or survey with practitioners: some requirements engineers, and different stakeholders, or the most developers.

**Part 2 (3/6 Credits):** To answer the RQ2 we use the SLR findings to make the suggestions and ideas to solve revealed problems or challenges, e.g., use of gamification or context knowledge.

We can also verify our ideas by conducting interviews or survey with practitioners. Some requirements engineers, and different stakeholders, or the most developers.

**Methods/Tools:**
- Interviews/Surveys
- SLR
- Limesurvey
- Zotero, digital libraries etc.

**Expected learning outcomes:**
- SLR
- Design, conduct interviews and interpret the results
- Knowledge about state of the art in the topic for recommender systems and smart glossaries

**Language:** german/english

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