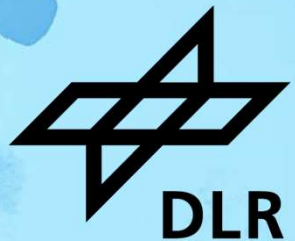


SOFTWARE QUALITY

SEMESTER PROJECT

Prof. Michael Felderer



Course Project



- Course is **graded** based on the course project
 - 6 or 9 credit points can be awarded (effort differs)
- Course Project is conducted between **end of November 2023** and **mid of January 2024**
- Requirement for admission
 - Submission and **positive evaluation of exercises**
- Course Project Topic
 - Distributed to students based on **frequency of attendance** in course units and **personal preference**
- Required Results
 - **Final Presentation** of project results
 - **Report** on the project

Process and Dates



- Assignment of topics by **November 30** via ILIAS
 - Regular team size: 2 to 3
- **November 30, 2023**: Start of project by contacting supervisor
- **January 18, 2024**: Presentation of project results
- **January 31, 2024**: Submission of report via ILIAS
 - Artifacts (content created, slides, report) need to be provided in a Git repository (perform regular commits)

Presentation



- Language: Slides in english, Presentation can be held in english or german
- Structure
 - Introduction
 - Short overview of the background and methodology
 - Presentation of the results
 - Short personal reflection
- Time slot for each presentation: **15 minutes** (including Q&A)
 - Expected presentation time for 9 ECTS: 12 minutes
 - Presentation for 6 ECTS can be shorter

Report



- Language: English
- Structure
 - Introduction
 - Background and Related Work
 - Method
 - Results
 - Discussion
 - Conclusion
- Length
 - 10 pages for 6 ECTS
 - 15 pages for 9 ECTS

Templates



- You have to use the provided templates
- You can find them on Ilias under „Project Templates“

Grading Scheme



- Report & Study (75%)

- Structure
- Completeness
- Correctness
- Writing style
- Formatting
- Citations
- Study-Specific Criteria for Literature Study, Concept Development, Prototyping, Usability Evaluation

- Presentation (25%)

- Clarity
- Structure
- Slide Design
- Ability to respond to questions/defend the project

Study-Specific Evaluation Criteria



Literature Study

Rigor of Method

Completeness of Results

Validity of Results

Interpretation/ Discussion of Results

Concept Development

Rigor of Method

Completeness of Results

Correctness of Results

Prototyping

Correctness of Prototype

Sustainable Project Structure (Readme, License, Clean Code, Repo Content+Structure)

Usability evaluation

Completeness of Heuristic Coverage

Accuracy and completeness of identified usability issues

Quality and actionability of recommendations provided

Completeness of usability test plan

Apropriateness of selected test methods

Relevance of additional usability tasks

Contextual Understanding: Demonstrate an understanding of the specific needs and contexts of Kadi4Mat's users.

Clarity and completeness of report

Contact



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- Secondary Contact (for specific course units or course projects):

Lecturers

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