

Reference: QSE Web

Topic: QSE Web Relaunch – Tool Study, Design and Prototype Evaluation

Lecture-Type: Project

Start: As soon as possible

End: To be defined

Contact: Jürgen Musil (juergen.musil@tuwien.ac.at)

Stefan Biffel (stefan.biffel@tuwien.ac.at)

Background

The QSE web information system should be relaunched with suitable modern technology and information design.

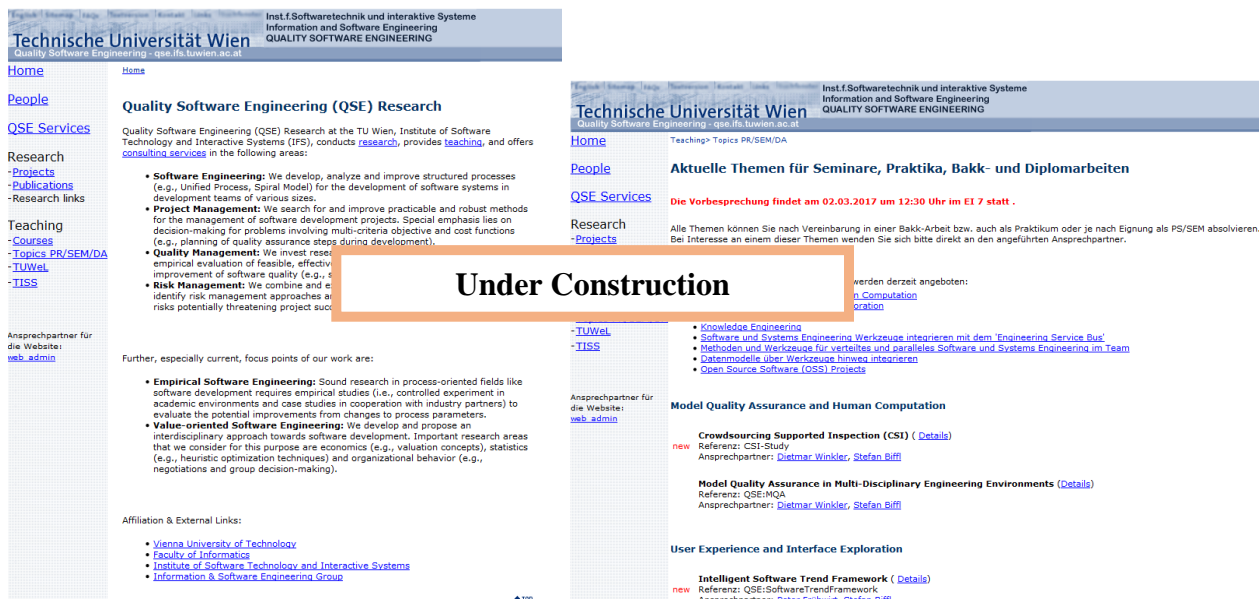


Figure 1: QSE Research Web – under construction.

Tasks

Main goals include (a) collecting requirements from information providers and recipients, (b) tool study for selecting a suitable technology stack, (c) designing an information system, and (d) prototype implementation and evaluation in a selected technology stack.

- Identification of requirements and application scenarios.
- Tool Study regarding key elements of the technology stack.
- Content management system design.
- Prototype implementation and evaluation of technology stack.
- Efficient migration of existing content.
- Report on the system requirements, design, and evaluation results.

Expertise and Skills Needed

- Experience with Content Management Systems, e.g., WordPress, Drupal.
- Interest in empirical studies, such as a systematic tool survey.

You can learn ...

- How to collect requirements systematically in a research group.
- How to plan and execute systematic tool studies.
- To practice implementation skills of web UI designs.