

Preparatory Questionnaire for the Case Study on RE and UX

First of all, many thanks for your willingness to participate in our case study on the topic "Activities and Challenges at the Interface between Requirements Engineering (RE) and User Experience (UX)."

To help us directly address typical projects or activities during the interview - and to tailor our questions to your company-specific or personal background - we kindly ask you to complete this short questionnaire before the interview and return it to us.

Thank you very much in advance!

Questions About Your Company

Question 1: How many employees does your company have?

- ☐ 1-9 Employees
- ☐ 10-49 Employees
- ☐ 50-249 Employees
- ☐ 250 – 499 Employees
- ☐ 500 or more Employees

Question 2: In which industries does your company operate?

- ☐ Automation
- ☐ Automotive Industry
- ☐ Banking / Insurance
- ☐ Public Sector
- ☐ Consulting
- ☐ Chemicals, Pharmaceuticals, Medical Technology
- ☐ Retail
- ☐ Information Technology
- ☐ Mechanical Engineering
- ☐ Telecommunications
- ☐ Tourism
- ☐ Science and Education
- ☐ Other: _____

Question 3: What products or services does your company primarily offer?

- ☐ Exclusively software products
- ☐ Technical products with software
- ☐ UX Services
- ☐ Services with Software
- ☐ Services without Software
- ☐ Other: _____

Question 4: How is the work on these products or services organized?

- ☐ There are projects with a defined start and end date

- ☐ Work is carried out continuously without a defined time frame
- ☐ Other: _____

Question 5: If the work is organized in projects, what is their organizational setup?

- ☐ Line organization (all team members from one department)
- ☐ Matrix organization (temporary projects with changing team members from different departments)
- ☐ Project organization (dedicated project teams as independent units within the company)
- ☐ Other/Comments: _____

Question 6: How would you describe the development process in your work context?

- ☐ Agile
- ☐ Hybrid (agile and waterfall)
- ☐ Iterative
- ☐ Sequential
- ☐ V-Modell (XT)
- ☐ Other: _____

Questions About Your Role and Responsibilities

Question 7: Which discipline would you assign yourself to?

- ☐ Requirements Engineering (RE)
- ☐ User Experience (UX)
- ☐ Both
- ☐ Other: _____

Question 8: Please briefly describe your current role and responsibilities within your company

Question 9: How long have you been working in this role?

- ☐ Less than 1 year
- ☐ 1-5 years
- ☐ 6-10 years
- ☐ 11-15 years
- ☐ More than 15 years

Question 10: In which of the following main activities of the user-centered design process are you typically involved in your role?

- ☐ Understand and describe the context of use
- ☐ Specify user requirements
- ☐ Develop design solutions
- ☐ Evaluate design solutions from the user's perspective

Question 11: How large is a typical (development) team you work with or communicate with directly?

- ☐ Up to 4 team members ("microteams")
- ☐ 4-9 members
- ☐ 10-20 members
- ☐ More than 20 members

Question 12: Are the (development) teams geographically distributed?

- ☐ Yes, within Germany
- ☐ Yes, across Europe / internationally
- ☐ No

Question 13: How are the RE / UX experts organized within your company?

- ☐ RE / UX experts are part of a team
- ☐ RE / UX experts are assigned to a separate organizational unit

Question 14: Which techniques are typically used to elicit requirements?

- ☐ Analysis of existing documents
- ☐ Analysis of existing systems
- ☐ Engagement of external consultants
- ☐ User observation
- ☐ Design Thinking
- ☐ Focus groups / Workshops
- ☐ Questionnaires
- ☐ One-on-one interviews
- ☐ AI-based techniques
- ☐ Competitor analysis
- ☐ Creativity workshops (e.g., brainstorming)
- ☐ Reuse of requirements
- ☐ Other

Question 15: Which artifacts are typically created to document requirements (e.g., persona descriptions, role descriptions, goal descriptions, process models, user stories)?

Question 16: Are these requirements consolidated in a central document?

- ☐ Yes
- ☐ No

Question 17: Do you have any questions or comments for us in advance of the interview? Or are there any interesting aspects or ideas you would like to explicitly address during the interview?

Many thanks for answering the preparatory questions. We are very much looking forward to the conversation with you, in which we would like to talk about your experiences regarding various aspects related to the interface and communication between RE and UX.

You may wish to consider in advance which project you would like to use as a reference in the interview. This will help us discuss the different aspects during the interview (e.g., involved roles, approaches to eliciting, specifying, and communicating requirements within the team, etc.) more concretely.