Study on Designing Software Architectures for Social Media: Post-Survey

Thank you for performing the design tasks as part of the research study on designing software architectures for social media. The results will allow us to evaluate the new developed **architecture viewpoint for continuous adaptation management in collective intelligence systems**.

This survey investigates the **applicability, usefulness** and **understandability** of the architecture viewpoint. You used the viewpoint and its model kinds for performing your design tasks. Answering the following questions should take not longer than 10 minutes. All your answers will remain confidential and will be used only for evaluation purposes. We would highly appreciate your feedback.

1. Please enter your ID in the study. (You can find your assigned ID on your task description sheet as well as on the architecture model sheets.)

   _____

Application/Usability

2. How would you define the level of difficulty to <u>apply</u> the adaptation viewpoint and its artifacts in order to perform the given design tasks?
   - Very difficult
   - Difficult
   - Average
   - Easy
   - Very easy

3. What made the viewpoint and its artifacts easy/difficult to apply?
   _____

Usefulness

4. Did you experience the information provided by the adaptation viewpoint and its artifacts in general as <u>sufficient and useful</u> for performing the given design tasks?
   - Not very useful
   - Not useful
   - Average
   - Useful

- Very useful

5. What made the viewpoint and its artifacts useful/not useful?
   _____

6. Do you think that using the adaptation viewpoint and its artifacts have increased your <u>efficiency</u> in performing the given design tasks?
   - Extremely inefficient
   - Inefficient
   - Average
   - Efficient
   - Extremely efficient

7. What made the viewpoint and its artifacts efficient/inefficient?
   _____

8. Please rate the following model kinds of the viewpoint regarding their usefulness to address adaptation-specific concerns in a CIS architecture design.
   - Adaptation Types model: 1-5 (Not very useful, Not useful, Average, Useful, Very useful)
   - Adaptation Definition model: 1-5
   - Adaptation in Time model: 1-5
   - Adaptation Workflow model: 1-5

9. What were the most useful elements that helped you to solve the given design tasks and how did they helped you?
   _____

Understandability

10. How would you define the level of difficulty to <u>understand</u> the adaptation viewpoint and its artifacts in order to perform the given design tasks?
    - Very difficult
    - Difficult
    - Average
    - Easy
    - Very Easy

11. What made the viewpoint and its artifacts easy/difficult to understand?
    _____

Thank you for completing this survey!