

Session Survey – 1-ATM-A

The information in the survey does not affect grading. Your name or student ID will remain confidential.

Please consider your answers carefully. Your answers play an important in this experiment and they are greatly appreciated by the researchers.

Background Information

1. Name: _____ Student ID: _____

2. Years of university studies: _____ Department: _____

3. Study credits ECTS-points: _____

4. Experience

Number of programming courses taken	____ courses
Experience in reviewing (=searching defects) requirements 1. Never reviewed requirements before the pre-assignment 2. Reviewed requirements in courses 3. Industrial experience in reviewing requirements	1 – 2 – 3 (circle)
Experience in developing test code 1. Never developed test code before the pre-assignment 2. Developed test code in courses 3. Industrial experience in developing test code	1 – 2 – 3 (circle)
Experience in developing manual test cases 1. Never developed manual test cases before the pre-assignment 2. Developed manual test cases in courses 3. Industrial experience in developing manual test cases	1 – 2 – 3 (circle)
Industrial experience in programming (programmer or equivalent):	____ years
Industrial experience in software testing	____ years
Industrial experience in software requirements engineering	____ years
Industrial experience in Experience in other kind(s) of software development activities (any role). Please specify _____	____ years

5. Motivation

	Very Low		–			Very High
My motivation during the experiment was	1	2	3	4	5	6 7

Assess Test Case Development


By using the following six scales, please evaluate the **test case development** task difficulty. Consider each scale separately. Mark an X at the point, which matches your experience. Note you can mark the X anywhere on the scales.

Mental Demand

How mentally demanding was the task?


Very Low

Very High



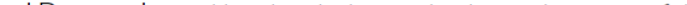
Physical Demand How physically demanding was the task?

Very Low Very High



Temporal Demand How hurried or rushed was the pace of the task?

Very Low Very High



Performance

How successful were you in accomplishing what you were asked to do?

Perfect

Failure

Performance Level	Count
Perfect	100
Failure	0

Effort

How hard did you have to work to accomplish your level of performance?

Very Low

Very High


Effort Level	Count
Very Low	1
	2
	3
	4
	5
	6
	7
	8
	9
	10
Selected	11
	12
	13
	14
	15
	16
	17
	18
	19
	20
Very High	21

Frustration

How insecure, discouraged, irritated, stressed, and annoyed were you?

Very Low

Very High



Assess Requirements Defect Detection

By using the following six scales, please evaluate the **requirements defect detection** task difficulty. Consider each scale separately. Mark an X at the point, which matches your experience. Note you can mark the X anywhere on the scales.

Mental Demand How mentally demanding was the task?



Physical Demand How physically demanding was the task?



Temporal Demand How hurried or rushed was the pace of the task?



Performance How successful were you in accomplishing what you were asked to do?



Effort How hard did you have to work to accomplish your level of performance?



Frustration How insecure, discouraged, irritated, stressed,
and annoyed were you?



6. Assess the two tasks (test case development and requirements defect detection) of this experiment

	Fully disagree	Disagree	Partially disagree	Neither	Partially agree	Agree	Fully agree
I performed the two tasks separately							
I started with requirements defect detection							
I started with the test case development							
I am able to make a distinction between the tasks							
I think the two task are equally challenging							

7. Any other comments (of the task or the experiment in general)

[illegible]