

## Agile Lab 2011 Evaluation

Question	Sparkline						Mean	Med.	Std. Dev.		
	Worthless				Excellent						
1 XP-Game to explain the real Planning Game.	0	1	0	2	2	3	2		4,2	4,5	1,5
2 Stand up meeting to avoid getting stuck, to share knowledge, to build team spirit.	0	0	0	2	2	2	4		4,8	5,0	1,2
3 Planning Poker to quickly find a shared estimate of the required effort.	0	1	1	0	6	2	1		3,9	4,0	1,4
4 Reflecting after each week about our practices.	0	1	0	2	1	4	2		4,3	5,0	1,6
5 Wiki as a collective knowledge base.	0	0	1	1	0	3	5		5,0	5,5	1,4
6 Subversion as a shared repository.	0	0	1	0	0	2	7		5,4	6,0	1,3

	Sparkline			Mean	Med.	Std. Dev.					
	Not Enough	Appropriate	Too Much								
7 Defining functionalities as stories written on index cards.	7	0	2	1	0	0	0		0,5	0,0	1,4
8 Defining implementation steps as tasks written on index cards.	0	0	1	5	1	1	2		0,8	0,0	1,4
9 Discussing about design when defining the tasks that are necessary to implement a story.	0	2	3	3	0	2	0		-0,3	-0,5	1,4
10 How was the level of detail of the information on the task cards? (Implementation details, Task	0	2	1	4	3	0	0		-0,2	0,0	1,1

Question	Sparkline						Mean	Med.	Std. Dev.		
	No Knowledge				Excellent						
11 How would you rate your programming skills before the course?	0	0	2	7	0	2	0		3,2	3,0	1,0
12 ... after the course?	0	0	0	1	4	5	1		4,5	5,0	0,8
13 How would you rate your skills in using the Eclipse IDE before the course?	0	5	3	3	0	0	0		1,8	2,0	0,9
14 ... after the course?	0	0	0	4	4	3	0		3,9	4,0	0,8
15 How would you rate your productivity while implementing with the framework(s) your team used	1	1	3	3	1	0	0		2,2	2,0	1,2
16 ... after the course?	0	0	0	1	5	3	0		4,2	4,0	0,7
17 How big is your confidence to be able to discuss and plan with others in English before the course?	0	1	0	3	2	5	0		3,9	4,0	1,3

18 ... after the course?	0 0 0 0 2 3 6		5,4	6,0	0,8
19 How would you rate your ability to collaboratively develop software (doing your part of a big whole, ... after the course?	1 1 2 3 3 0 0		2,6	3,0	1,3
20 ... after the course?	0 0 0 1 4 3 2		4,6	4,5	1,0
21 How about the practical skill of integrating your code with the code of others with Subversion?	1 0 3 4 1 1 0		2,7	3,0	1,3
22 ... after the course?	0 0 0 1 2 6 1		4,7	5,0	0,8
23 How would you rate your ability to communicate with others (explaining your ideas, asking for help, getting ... after the course?	0 0 2 4 3 1 0		3,3	3,0	0,9
24 ... after the course?	0 0 0 0 4 4 2		4,8	5,0	0,8
25 How would you rate your ability to present software from a user point of view?	0 1 3 3 1 2 0		3,0	3,0	1,3
26 ... after the course?	0 1 1 1 1 5 1		4,1	5,0	1,6
27 How would you rate your ability to estimate how long a development task takes?	1 1 4 2 2 0 0		2,3	2,0	1,3
28 ... after the course?	0 1 0 1 6 2 0		3,8	4,0	1,1
29 How about estimating the relative difficulty of implementing functionality? (Bricks)	0 2 2 4 1 0 1		2,8	3,0	1,5
30 ... after the course?	0 0 0 2 6 1 1		4,1	4,0	0,9
31 How would you rate your ability to structure complex tasks to make them doable?	0 0 2 3 3 0 0		3,1	3,0	0,8
32 How would you rate your Prolog knowledge?	1 2 3 3 0 1 0		2,2	2,0	1,4
33 ... after the course?	0 0 0 4 2 3 1		4,1	4,0	1,1
34 How would you rate your Android knowledge?	3 3 3 1 0 0 0		1,2	1,0	1,0
35 ... after the course?	0 0 4 5 0 0 1		2,9	3,0	1,2

	Not At All	Completely			
36 Are you satisfied with the product we developed?	0 0 0 2 5 3 0		4,1	4,0	0,7
37 Are you satisfied with your personal contribution to the product?	0 0 1 3 1 5 0		4,0	4,5	1,2
38 Are you satisfied with the skills in new technologies you learned?	0 0 1 2 2 4 1		4,2	4,5	1,2
39 Are you satisfied with the agile software engineering skills you learned?	0 0 1 0 4 3 2		4,5	4,5	1,2

40 Software development is always risky as we mainly have to face unknown challenges and change is	0 0 0 3 4 3 0		4,0	4,0	0,8
41 Did you find the Kanban Software Development Process useful for the lab?	0 0 1 1 3 3 2		4,4	4,5	1,3
42 Did the handling of an odd number of students work well?	1 0 1 2 3 2 0		3,3	4,0	1,6
43 Did you like the possibility to lend books?	0 0 0 1 1 2 6		5,3	6,0	1,1
44 Did you like the amount of self-organization and responsibilities (i.e. the breakfast) during the lab?	0 0 0 1 0 4 5		5,3	5,5	0,9
45 Did the breakfast enrich your day?	0 0 1 0 2 3 4		4,9	5,0	1,3
46 Were you always aware of what to do next?	0 0 1 1 5 2 1		4,1	4,0	1,1
47 Were the customer stories clear enough formulated?	0 0 1 5 2 2 0		3,5	3,0	1,0
48 Did the organizers respond to your questions fast?	0 1 2 2 0 3 2		3,8	4,0	1,8
49 Was it helpful to have checklists (Clean Code Tips, SVN Steps) visible in the lab room?	0 0 2 0 1 5 2		4,5	5,0	1,4
50 Has the regular coding Kata helped you to get more confident in TDD?	1 1 0 0 3 3 2		4,0	4,5	2,0
51 Where the WIP limitations clear to you?	0 0 1 1 2 2 4		4,7	5,0	1,4
52 Was the visualized work flow in form of the Kanban board easy to understand?	0 0 1 0 1 3 5		5,1	5,5	1,3
53 Did the Kanban board improve your overview of the current development situation?	0 1 0 0 0 5 4		5,0	5,0	1,5
54 How was the traffic jam handling?	0 2 1 3 1 2 0		3,0	3,0	1,5
55 Did you use the idle times for knowledge gaining?	0 2 1 2 0 5 0		3,5	4,0	1,7
56 Where you always aware of the customer refilling the input queue?	1 2 2 1 1 0 3		3,1	2,5	2,3
57 Did you like to have a physical representation of the stories and tasks (story and task cards)?	0 1 0 0 1 3 5		5,0	5,5	1,6
58 Did the team member pictures on the board enhanced cooperation between different pairs?	0 1 1 0 1 2 5		4,7	5,5	1,8
59 How did you like the Android badges to inform the organizers of pending questions?	0 1 0 1 1 4 3		4,6	5,0	1,6
60 Was the external Guest helpful for your understanding of the Kanban process?	0 1 0 1 1 2 5		4,8	5,5	1,7
61 Did you feel prepared enough for programming in general?	0 1 2 1 2 1 3		3,9	4,0	1,9
62 Did you know enough about Design Pattern, Refactoring, and Testing (software engineering	0 1 1 4 2 0 2		3,5	3,0	1,6
63 Did you feel prepared enough with respect to the challenges of the used technologies?	0 1 1 5 3 0 0		3,0	3,0	0,9

64 Did the frameworks (Eclipse, JTransformer and Cultivate) contribute to the (successful) product?	0 0 0 1 2 5 1		4,7	5,0	0,9
65 Did you like the structure of the workshop week?	0 0 1 0 0 8 1		4,8	5,0	1,0
66 Did the BBQ and Team Games support the team building process?	0 1 0 1 1 1 6		4,9	6,0	1,7
67 Did you like the idea of the BBQ?	0 0 2 0 0 0 8		5,2	6,0	1,7
68 Where the exercises provided with the tutorials appropriate?	0 0 2 1 1 5 1		4,2	5,0	1,4
69 Was the introduction to Clean Code useful?	0 1 0 1 1 6 0		4,2	5,0	1,4
70 Was the tutorial to Android	0 2 0 4 2 2 0		3,2	3,0	1,4
71 Was the tutorial to Eclipse	0 2 1 1 1 4 1		3,7	4,5	1,8
72 Was the introduction to Fist2Five	0 1 1 1 3 1 0		3,3	4,0	1,4
73 Was the tutorial to Prolog	0 0 3 0 4 2 0		3,6	4,0	1,2
74 Was the introduction/tutorial to TDD	0 0 1 0 4 5 0		4,3	4,5	0,9

#### Comments on the elements of the practical course

- > XP Game was chaotic and there was not enough introduction on the rules, the goal and what it is for
- > Initially the details weren't that well defined but later with Jan & Paul & Daniel's intervention & knowledge in the subject & task helped improve the understanding

#### To be concrete: Are there things you definitely would have liked to learn in this course, but did not get the

- > TDD and Mockito
- > More Details about Agile/ XP/ Kanban
- > Yes, Developing a complete project
- > More actual android programming
- > Database, Android Development

#### Could you name the most important thing you learned in this course?

- > JUnit, Plug-in Development
- > Prolog and TDD
- > A little glimpse of cultivate
- > TDD, Kanban, Eclipse plug-in Development pair programming, Android programming work Cooperation etc ...
- > discipline
- > much eclipse plugin development knowledge
- > Eclipse, Java, Junits, Prolog, be organized, getting up early, care about time

#### Comments on satisfaction?

- > Pretty much satisfied, after the presentation and talk, I might think of continuing with this....
- > everything was almost perfect

#### Comments about steering & control?

- > Too much distraction
- > I like the way we work together and I learned a lot from the lab
- > Steering & Control in terms of self organization just worked like an angel
- > was perfect as well.

**What was the most important thing you learned in this seminar week?**

- > Get some experience in pair programming
- > Android introduction and TDD
- > Eine Idee von Kanban, Clean Code und TDD bekommen zu haben.
- > TDD & Prolog
- > Kanban, JTransformer
- > Technologies, Teambuilding
- > stuff about Kanban and other techniques (TDD, PP, ..) more than programming stuff
- > How to be organized, a few things about Android, Prolog, Eclipse friends, pairs programming

**What else would you have liked to learn?**

- > Prolog and Mockito stuff
- > Mehr Prozess, TDD, Clean Code (gewisse Tutorials zu Java, Eclipse, Android hätten von den Teilnehmern vorbereitend zu Hause absolviert werden können.)
- > A thorough Android application development
- > more actual android
- > Android Development

**Is there something we should have made different? Do you have any tips for future teachers and students?**

**Do you have any other final remark?**

- > Maybe we could have more Android Application stuff in the lab since this is the most important thing which draws us into the lab.
  - > Excellent experience overall! Thanks.
  - > Teachers & Tutors were very helpful nothing needs to be changed
  - > With respect to the initial training was not enough. I didn't know what are we going to do in this lab in the beginning
    - Solid goal might be useful.
    - Pair programming should be considered under certain environment.
    - intensive tutorial could be helpful before the lab begins
- Best of luck.
- It was a great experience.
- > BBQ in the end should have been planned!
  - > I hope to continue doing this lab with the same rules with some additional technologies and more programming tasks