

Distributed Software Development

Final Questionnaire

First and last name	Andrea Bottoli
Country you are from	Italy
Course location (FER / MdH / POLIMI)	POLIMI
Project name	Real-Time Bridge Monitoring
Your role(s) in project	Project Manager

Local site

Rate the overall quality of work coordination at the local site (0-no local communication, 1-very bad, 10-flawless)	8
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Describe good experiences
<ul style="list-style-type: none"> • Learn new skills • Lead a distributed group • Manage the communication between the group, the customers and the supervisors

Describe problems and what caused them
<ul style="list-style-type: none"> • Problems in gather requirements <ul style="list-style-type: none"> ◦ they changed a lot during the time cause the customers asked us to fit out product to European normative EU 305/2011 and Italian normative NTC 08 ◦ the language used was not the same because they are Structural Engineers and we are Computer Engineer. Then we encountered some problem in comprehension • Problem with Ghazaleh <ul style="list-style-type: none"> ◦ she didn't have enough skills (she is a Telecommunication Engineer) to stay on track with the project; moreover, she had too lot courses to follow, so she decided to left the group

Describe the intensity (not quality!) of collaboration with each of the local team members with the number 0-5; 0-no contact at all, 5-very intensive collaboration	
Local team member	Intensity (0-5)
Lorenzo Pagliari	5
Ghazaleh Shojaee Nia	1
Marko Brcic	3

Describe how that collaboration changed over time (and in different project phases)
The communication was more or less the same during all the phases of the project

Remote site

Rate the overall quality of work coordination with the remote site (0-no remote communication, 1-very bad, 10-flawless)

8

Describe good experiences

- Work with very skilled people
- Funny meetings
- All the people was available all the time and they worked a lot all the days
- Improved technical language speaking in English all the time
- Learned a lot of other cultural aspects
- Learned a lot of other skills
- Encountered the Swedish team in Sweden for the final presentation

Describe problems and what caused them

- Some minimal problem in make requirements from customers understandable for the whole team caused by the language used

Describe the intensity (not quality!) of collaboration with each of the remote team members with the number 0-5; 0-no contact at all, 5-very intensive collaboration

Remote team member	Intensity (0-5)
Dzana Kujan	5
Nikola Radisavljevic	3
Miraldi Fifo	3
Jorn Tillmanns	4

Describe how that collaboration changed over time (and in different project phases)

- The communication initially was not very good cause I didn't know how to approach the group; then I received some suggestions from the group on how they prefer to be leaded and from then to now the communication has been very good

Communication

Rate (1-low usage, 5-very intensive usage) and describe which communication tools have you used for communication and their usefulness, and in which project phases (requirements, design, development, testing, documentation etc.)

Tool	1-5	Project phases and tool usefulness
Skype	4	Tool used for direct chat with the group
Google Hangout	4	Tool used for face to face meetings
Google Drive	2	Tool used for sharing the initial drafts of the documents
Github Issues	4	Tool used to assign tasks to each member of the group

Describe how you prepared for team meetings

- Meetings scheduled in a "final" way: every monday and tuesday
- Meeting agendas to summarize the issues of the meeting before held id
- Issues on github to remember to the group the date of the meeting
- Chat on skype to postpone or arrive to an agreement over some changes upon the meeting scheduel
- Managing meeting with Dzana to keep track of the managing stuffs and to receive some suggestions to improve the quality of the meetings

Project work

What are, in your opinion, important issues in group work and why?

Issue	Why?

What were the causes of conflicts and how were they resolved (if they were resolved 😊)?

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Rate and describe how pleased were you regarding information flow in your project team, had you been aware of overall project state, important information and events during the project work or did you feel isolated (1-kept in the dark, 5-completely aware)

1-5	Description

Rate and describe have you been aware about other people roles and their work status (1-had no idea about other people's work, 5-completely aware)

1-5	Description

Rate and describe have you been satisfied with your role in the project and tasks you have been assigned during the project (1-very dissatisfied, 5-very satisfied)

1-5	Description

Rate and describe how much you could affect the project decisions (design, usage of certain technologies etc.) (1-nobody listened to my suggestions, 5-my suggestions were always taken into consideration)

1-5	Description

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Describe the way decisions were made in your project: where there was a single authority that made the decisions and was that authority respecting feedback from other team members, or were you using voting, or consensus had to be reached etc. Also rate (1-our decision process turned to be very bad and degraded the project work, 5-the process was excellent and helped the project work a lot) and describe was that way a good one for your project or not.

1-5	Description

Rate (1- no clear requirements, 5-very clear requirements) and describe how clear the initial requirements were.

1-5	Description

Rate (1-no or minor changes, 5-huge changes) and describe the level of requirement changes during the project

1-5	Description

Describe the process you used in the project (waterfall/iterative/prototyping/agile/model driven/test driven ...). Why have you selected that particular process? How did it turn out – good or bad?

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How much (0-no new things, 5-too many new things) you had to learn new technologies/tools/etc. to be able to do your work in the project? Describe what you had to learn.

1-5	What you had to learn

What is your final opinion on distributed software development (not on this DSD course!), given in number from 1 (distributed development is useless) to 5 (distributed development is the best), and why?

1-5	Why?
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What was the influence of your project system architecture on work division and task allocation?

What were the experiences in integration of your task(s) with other project parts?

What factors motivated you, and why, for working on your project (and their strength 1-minor, 5-strong motivation)

Motivating factor

1-5

What factors demotivated you, and why, from working on your project (and their strength 1-minor, 5-strong demotivation)

Demotivating factor

1-5

Analyze the differences between predicted and actually invested work hours on the project. What caused the difference (if there was a difference)?

What would you do differently if you were to participate in another distributed project (based on your experience from this project)?

Cultural differences

How would you describe cultural differences you have observed (choose from: <i>no differences/low/medium/high</i>)?	
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Describe cultural differences have you observed and rate their impact on project work with a number 0-5 (0-no impact on project work, 5-high impact)

[illegible]

For project and team leaders only

Describe your experience regarding high level team coordination (task assignment, task synchronization, communication with team members, coordination with remote team, etc.)

<p>Risk assessment - have you foreseen all risks that happened during the project, how did you handle them, which risks you have not planned for, what was their impact on project schedule, product quality, etc?</p>

How much time (in %) was spent on different project phases (requirements gathering, design, development, testing, documenting etc.), why?	
Project phase	Time (%)
TOTAL	100 %

Project phase	Time (%)
TOTAL	100 %

Speaker's Corner

Answers to questions we have not posed. Feel free to write about anything you find important, but haven't had a chance to do it in answers to previous questions!