

Daniel Einarson

SurveyOn_OnlineProjects_2020 ()

No. of responses = 20

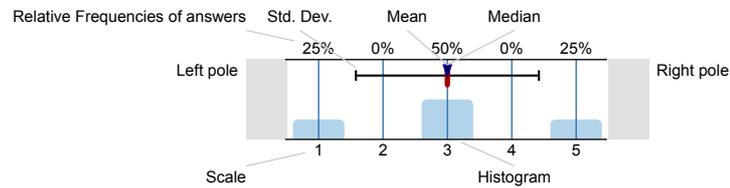
Response rate:



Survey Results

Legend

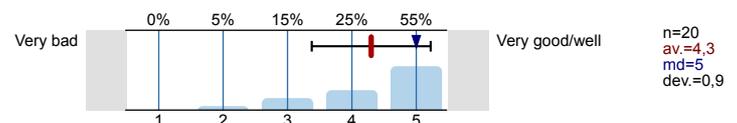
Question text



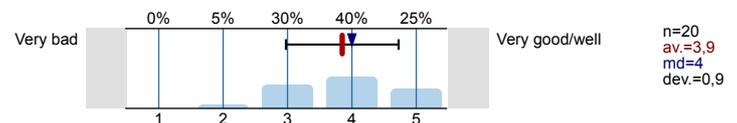
n=No. of responses
 av.=Mean
 md=Median
 dev.=Std. Dev.
 ab.=Abstention

1. Evaluation on Online-based Project-based education

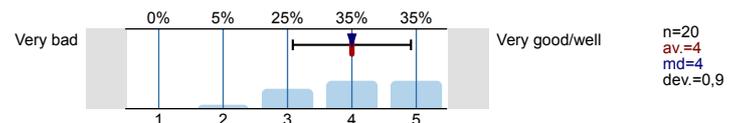
1.1) Please, rate how you especially experienced the project-based course, due to working on distance



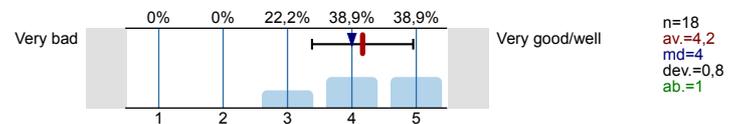
1.2) Please, rate how you experienced communication and coordination of work on distance, due to working on distance



1.3) Please, rate how useful an agile style for developing systems is, due to working on distance



1.4) Please, rate how you experienced developing systems in projects, on distance due working on distance



Profile

Subunit: Fakulteten för naturvetenskap
 Name of the instructor: Daniel Einarson
 Name of the course: SurveyOn_OnlineProjects_2020
 (Name of the survey)

Values used in the profile line: Mean

1. Evaluation on Online-based Project-based education

1.1) Please, rate how you especially experienced the project-based course, due to working on distance	Very bad					Very good/well	n=20	av.=4,3	md=5,0	dev.=0,9
1.2) Please, rate how you experienced communication and coordination of work on distance, due to working on distance	Very bad					Very good/well	n=20	av.=3,9	md=4,0	dev.=0,9
1.3) Please, rate how useful an agile style for developing systems is, due to working on distance	Very bad					Very good/well	n=20	av.=4,0	md=4,0	dev.=0,9
1.4) Please, rate how you experienced developing systems in projects, on distance due working on distance	Very bad					Very good/well	n=18	av.=4,2	md=4,0	dev.=0,8

Comments Report

1. Evaluation on Online-based Project-based education

1.5) What was the most important insight to achieve successful project work?

- Better communication between the group members, as well as collaboration and helping each other to clearly understand the way of doing the project.
So in this way, no one will be behind and all team members will be on the same level.
- Better planning. Responsive environment.
- Communication (2 Counts)
- Communication with students and planing out our workday.
- Good communication
- Having a good platform for communication. Discord is useful
- Modularity and a step by step progress while doing logical steps. The project that I was participating to, had a problem of keeping the limits and we had people wasting their working time, trying to dictate how we will do our work.
- Shared responsibility between all members
- Teamwork
- That it worked better then expected. It is no different setting time schedules for meetings, finishing tasks, meet deadlines and so on than working on site.
- The group meetings
- To be able to achieve successful project work, it was important to get to know all team members. Their experience was important as well.
- To have a shared vision, not only on the system but also on the ambition and the drive
- To have good communication and have an understanding of the tasks you work with.
- To have good communication and to be able to ask questions/discuss with the subgroup. We have achieved success also with pair programming fully remotely.
- Working on distance give a clear view about peoples work ethics and how they value responsibility. Not easy to hide behind others.
- good structure from teachers

1.6) Are project meetings and communication in real life-better, more efficient? Why/why not?

- Doesn't matter IMO. Both work pretty well provided that the entire team members cooperate
- I don't see any difference to be honest. I think that online is my choice because i'm more productive in this way.
- I don't think so, project meetings are the minor part of working on the project, to get a feedback from teachers about the work that has been done. So having it remotely was better than real-life, especially when there are many team members working on the project, in this case it will be easy to follow the communication and get all the feedback when it is remotely.
- I think a combination of both is best. But meeting in real life isnt necessary unless the physical aspect concerning hardware demands it.
- I think they are better. Simply because you get outside of your home to discuss something which gives it a more official feeling. I think this contributes to a more efficient and focused discussion. It is also far too easy to just sit quiet during online meetings and not contributing at all.
- I thought online meetings were really good actually, the advantage of having real-life meetings would probably have been if you had a lot of notes to write / explain on the whiteboard. Do not really know what the advantage is with real-life meetings more that having interaction with people.
- In my opinion, I didn't see any difference. Both ways are efficient and works fine with me.
- In the beginning for teamleaders and leaders designing probably with a big white board. Mostly people don't have drawing tablets to sketch on online white board easy.
- It seems that mandatory in person meetings allow students to immerse themselves better with conversation as online people are disconnected and distracted or simply not interested.

- Meetings when necessary can be in real life and online. few physical meetings are necessary when the topic of the meeting is design and brainstorming.
Online meetings if they are short and focused can be good for a coordination
- No its not. I have social anxiety so i prefer having project meetings online.
- No. The nature of our activity is exact. So, it is not so much need for info that can be gathered indirect, through group interaction. The data can be discussed and analyzed as long as it is available.
- Not more efficient as it is more like "cut to the chase". But the usual dynamic in an real-life meeting is lost in some ways.
- This depends on the person. With some persons, it is good to meet in real-life while some prefer (perform better at) online meetings.
- Yes, easier to be involved in the discussion and it could be awkward online.
- Yes. It can feel more personal. Less things are left for enterpretation.
- Yes.Because some work have to finish offline
- yes, easier to not misunderstand each other

1.7) Have you used any agile methods like pair-programming, standup meetings? Why / why not?

- I used pair-programming to learn how the system works, its just like looking at a youtube video, the difference is that you can ask questions whenever.
- Only tried online pair programming plugin for intellij for fun.
- Pair programming have been used the whole time.
- Pair programming have we used in our subgroup since three brains are better than one!
- Pair programming: because it can bring a subgroup together. If done right, it can make members understand the code properly.
- Yes
- Yes did pair-programing somewhat (screen sharing) as it was easier to get in the working mindset when someone is there forcing you to focus
- Yes online pair programming. Due to different skills in the groups it is good to share knowledge.
- Yes this method is helpful in software development
- Yes we used pair-programming
- Yes, pair programming. Mostly to make sure we are on track with what the others code means and how to work with it.
- Yes, screen sharing pair programming
- Yes, to practice together while making progress
- Yes, we did use meetings in our group and also a subgroup to discuss the way of working and to help each other to get a fully understands how the work should be done. We have also used pair-programming in our subgroup. where we share one screen and working together to get the tasks done.
- Yes. Because this is how things should be done. It is always good to split work into sessions where one person is only writing the code while the other team members are involved with "thinking" and solving the problem.
- Yes. Pair programming proved being very efficient in solving issues efficiently. The meetings proved very efficient in between stages, where different gates have been reached.
- pair programming. It was useful but it has to be between programmers.its usefulness is when the software is complex, the participation to the coding, helps the other to understand the structure. Again... it works only between programmers, (people who can write code.)
- yes, esier to pair program in this way by sharing screens when communication is limited in this way.

1.8) Have you done your project work physically, digitally or both?

- Both (4 Counts)
- Both, I have been working with the PM physically to review coming events and to code together. I have also worked physically with hardware centered groups to support and help them. The rest of the communication has mainly been digital.
- Both. (2 Counts)
- Both. We are the physical house group so the name kind of explains that we had to meet in person as well :)

- Digitally (2 Counts)
- Digitally. (2 Counts)
- Digitaly
- I have only done it digitally, being part of a group that didnt have to deal with hardware.
- Only digitally
- Only digitally. Fully remote and it has been great actually.
- We did it all digitally.
- both. mostly digitally
- digitally

1.9) Were there any conflicts in your project group? If Yes, did you solve it and how?

- As RM no, but we split apart persons that may not work good together and assign them different task. Compared to work student group is more problematic with conflicts.
- In the subgroup we didnt have any but in our whole group we did have. I rather not do anything about it if its not about me
- No (2 Counts)
- No conflicts arised
- No conflicts but all the subgroups didn't share the same ambition and that's fine since we all are different and have different goals with the course.
- No, really good team work all along.
- No, there weren't any conflict or problems in our group.
- Nope.
- Not directly. There were moments that could evolve into conflict but given the lack of experience in working in lager groups, I mainly let them do their on thing and focused on making my own responsibilities work with theirs.
- There are always conflicts but at the end we were coming to an agreement. Doesn't matter if its online or a physical meeting. There can always be conflicts as everyone has a different opinion about the things working with.
- There were but it seemed to be personal conflicts between members
- There were problems caused by people who refused the teamwork and preferred to isolate themselves and impose their opinions by force. This leads to confrontation, solved through dialog and compromises.
- We had only problems with the applications (for instance GITHUB) and our PM came up with solutions everytime.
- Yes. It died out. There is still resentments and negative energy surrounding this group member. It's was tough on the moral of many.
- Yes. We tried to get some help from the school but the school decided to ignore it so we hoped that the person that was creating conflicts would stop at some point. The conflicting person eventually stopped so this allowed us to continue with work, so the conflict was solved by the conflicting person deciding to not participate in any group meetings.
- inside the team there weren't any serious conflicts, in the larger group we had "elections" on how we will do our work.
- yes..big issues.. through teachers, project manager and finally we solved it internally

1.10) Anything else that you think is of importance but is not covered in the questions above?

- All is good
- Cant think of anything
- For each meeting, have some deliverables that are mandatory (code). Instead of "what have you since last time".
- How members should handle members were knowledge is clearly lacking and misses big fundamental concepts.
- I think that it is important to keep in mind that no one in the group has worked in a larger group before. It is therefore hard to compare this experience to what it would be if we were working physically together.
- I will give my suggestions directly to the professors (during the meeting). It is kind of easy to guess who I am as the conflict was very specific to our group :D

- No
- Nothing to add.
- Personally, I loved this course and I enjoyed studying it alot, except for the first two weeks since we didn't understand what kind of project and requirements the course cover. Thank you for everything and I appreciate your guidance during the past three months.
- Protect the common sense at any cost. By protecting logic you are protecting the work of the students. There are people that are willing to use illogical decisions to gain or to hide something.
if the common sense and the academic reasoning are preserved then it is more difficult for someone to harm someones work.
Wherever the logic and the constructive arguments are missing then it is easiest thing for someone to do indecent and nonacademic things to gain advantage against the work of someone else.
- The groups have been too big and i think it would be better to sepeare eng/swe groups since the swe group know eachother well.
- Things can always be improved. I felt like losing a lot of time with colleagues who were very opinionated without reading the course materials, based on personal opinions or random online irrelevant information. It could be probably avoided if the lectures would be mandatory.
- Think it was a good survey in all. Thank you! Interesting to work remote and i can only see the benefits prior the negatives. Im more productive when working remote.
- Would be interesting to try to solve each group in swedish group and international group.. After this experience i will not work with international if i can avoid it. Worst experience, they do not work together, lazy and in general they do not seem to know that much.. harsh words but this is shared by the swedish class.....