

Questionnaire scales (related to the perception of participants about security learning at the hackathon)

Team process (based on Nolte et al, 2018), anchored between strongly disagree and strongly agree.
I was unclear about the goals and objectives for my work in this team. I was unsure how my work relates to the overall objectives of my team. Tasks were mainly distributed based on individual SKILLS. Tasks were mainly distributed based on individual INTERESTS.
Perceived satisfaction with team process (based on Filippova et al, 2017), anchored between strongly disagree and strongly agree.
I am satisfied with the work completed in my project. I am satisfied with the quality of my team's output. My expectations towards my project were met. I intend to continue working on our hackathon project. I intend to continue contributing to the security community
Perceived satisfaction with team process (based on Bhattacharjee, 2001), anchored between 1 and 5.
(1) Inefficient to (5) Efficient (1) Uncoordinated to (5) Coordinated (1) Unfair to (5) Fair (1) Confusing to (5) Easy to understand
Perceived learning experience (based on Filippova et al, 2017), anchored between strongly disagree and strongly agree.
Working with my team helped me learn more about cyber security Working on my tasks within my team helped me learn more about cyber security Practicing previous experience within my project helped me learn more about cyber security The security presentations made at the event helped me learn more about cyber security Talking with my mentors helped me learn more about cyber security Participating in the pre-event Idea garage helped me learn more about cyber security My expectations towards learning during this event were met. The security presentations made at the event impacted the outcome of my project
Perceived satisfaction with learning experience (based on Filippova et al, 2017), anchored between strongly disagree and strongly agree.
I am satisfied with the practices I learned during the event. I am satisfied with the quality of the practices I learned during the event. My expectations towards the practices I learned during the event were met. Overall, the practices I learned during the event will be useful in my future career. I intend to continue learning about security
Preparation for hackathon (based on Nolte et al, 2018), anchored between not at all and completely.
I learned about topics that I thought would be useful for our project. I developed a project idea. I formed a team. I met with my team and we discussed our project.
Team familiarity (based on Filippova et al, 2017), anchored between not at all and completely.
I know my team members well. I have collaborated with some of my team members before. I have been close to some of my team members before. I have socialized / met with some of my team members outside of work / school before.

References

- Bhattacharjee, A. (2001). Understanding information systems continuance: An expectation-confirmation model. *MIS Quarterly*, 25(3), 351–370.
- Nolte, A., Pe-Than, E. P. P., Filippova, A., Bird, C., Scallen, S., & Herbsleb, J. D. (2018). You Hacked and Now What? -Exploring Outcomes of a Corporate Hackathon. *Proceedings of the ACM on Human-Computer Interaction*, 2(CSCW), 1-23.
- Filippova, A., Trainer, E., & Herbsleb, J. D. (2017). From diversity by numbers to diversity as process: supporting inclusiveness in software development teams with brainstorming. In *2017 IEEE/ACM 39th International Conference on Software Engineering (ICSE)* (pp. 152-163). IEEE.