Exercise: DevOps Planning & Research

You are starting as a Junior DevOps in a IT Company. You get assigned to a new Project that develops software solutions for Banking systems. Currently, you are single devoted DevOps engineer on that project with mixed team members (Devs, QA, PM’s etc). Before the Kick-off of the Project, you are given the task to plan and research the best practices for the project.

1. Explain what steps you are taking for planning and research?

I’m writing “developing a banking software” in Google and start absorbing information and ideas.

1. How would you describe the process for DevOps best practices to your colleagues?

We have no room for mistakes and no time to waste. We should start with a good plan, set the targets, then develop and test. Then we release a small but working product and monitor it closely so we can go again on the planning board and set the targets higher for the new cycle.

1. How would you organize your time for planning and research?

I’ll do my own research also but mostly I’ll put the things on the table and will ask the team for contributions. We’ll list the requirements for such a software and will choose the technology stack which fits best.

1. What methods and tools are you using during this process?

Beamer, white board, and communication.

1. Describe the short (imagined) presentation of your research and planning, for your team briefly:

I start with pointing out how important is to make a solid, trustworthy product and this can only happen if we have a solid, trustworthy process to do it. I’ll show them the circle from the “DevOps Model Defined” slide and explain that this can give us both speed and reliability. I’ll summarize the knowledge we have gathered so far.