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 will start with basic research regarding the company, like where is based how many employees it has and basic stuff

The next step it will be research regarding the software that it needs to be delivered to them, what kind of service they need, for how many people it will be used.

Final step it will be planning regarding the software, for example how much money and time it needs to take for this kind of software, how we will work for this project regarding in groups and teams.

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

-This process defines the whole operation for offering service to the client, like it starts with the coding and building the software then testing the whole thing after that building the infrastructure for the software service and in the end the operations and monitoring the whole process, if we need to improve some configuration for better quality.

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

-Planning and researching for me I think can be done during the working hours if you have some gap space between the work or after the work if you are really passionate about this thing.

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

-For research I will definitely use Google like main source and some other tech websites regarding the software. Other tools that we can use is Jenkins, GIT, Ansible

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

-We can start with some basic info for the company that we will work , after that the research regarding the software service that we are building and operating and for the last it will be the planning for this whole process. Also presentation needs to be not to long(boring) but also to cover every primary aspect regarding the software that we are building.