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 do a research of the structure of a banking system and what are the best practices.

Make a plan for the workflow and the needed team.

Get information about the deadline of the project, needed tools and the infrastructure of the project.

Collaborate and discuss with the team for a development plan and dividing up tasks.

Have daily meetings and collaborate.

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

I would describe it as a lot of research and gathering of information,

A lot of collaboration with the team on a daily basis.

Continuous integration and continues delivery (CI/CD)

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

We will discuss and collaborate to divide ,prioritize and asses the tasks .

Estimate the time needed to complete the project and each task .

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

We are going to use programs to communicate.

Programs like: Microsoft teams to do live meetings; Jira and outlook

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

At first I will present the project and the gathered information from the research I did.

Make diagrams so the research can be understand easily.

Get suggestions from the team and ask them for feedback.