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?

    Scope, workflow, requirements , discussion, meetings daily, break into smaller tasks, knowing the team is a benefit, having a deadlines, knowing what budget we have, also what tools that we have, also the infrastructure, banking best practices, to build a good documentation, also asking for help from the company for any advices

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

    Probably researching and doing a presentation, having a good security, frequent small deployments, microservices, also encouragement of collaboration, using CI/CD practices

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

    Making small tasks, priority, time estimates, and benchmarks, trying to ask questions when possible, we are juniors overall.

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

    Maybe using some source control like Git, also using Jira and Gantt, of course online research Google and StackOverflow, also using Miro for drawing diagrams, discussing together, using Agile method

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

    Key finding should be first, also best practices should be explained, hearing a suggestions and also giving a feedback