**Title (choose a title for your report)**

1. **Context**

Show that you understand the context of the use case and its dimensions.

1. **Problem Specification**

Specify the problems the case addresses.

Analyze the use case carefully.

Explain the target requirements (functional and non-functional).

1. **Background**

Here include state-of-the-art knowledge if you want to include some of your academic / tool research.

1. **Approach**

Here you include your architecture as figure(s) and explain your solution, the architecture components, their association, etc. It would be appreciated if you could argue based on what you learned in the lectures/labs, so argue based on network, storage, monitoring, data requirements, and edge-cloud specifications. Do not forget to analyze the use case beforehand.

1. **Implementation**

Explain how you implement the app locally, then deploy it on GCP, and how the adaptation system (if any) may work. Explain the technologies you use for the non-functional requirements testing.

1. **Evaluation**

Here include a report of your test results and discuss their validity and alignment with objectives.

1. **Discussion**

Final discussions and lessons learned and how your suggested architecture could be re-used.

\*\*\*\*Include a link to your codes etc. + provide a 5 minutes demo video explaining your solution/implementation \*\*\*\*