
Two-weekly Report

Group number: **Group 6**
Project: **3**
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The first week after setting up the group. We had several short discussions to discuss and understand the aim of the chosen project. After discussing, we have summarised into some key points:

- Migration of a service from the cloud to the client.
- The migration process should first be evaluated to ensure quality.

As there are many different areas of application, each application has a different priority for quality assurance. My task for the first week was to research service quality criteria for *financial services* and *e-commerce* applications. For these two application areas, it is important that the following quality criteria are satisfied:

- Latency and Response Time
- User Experience
- Data Consistency and Integrity
- Security and Compliance

Our next task since the last discussion is to research the different types of migration and find out which types would be best suited and able to be implemented. After researching this question, I found that there are several approaches to migrating a virtual workload to the client, and that the virtual-to-physical migration that first came to mind is not the appropriate approach. When migrating a virtual workload to the client, the most common way in my opinion is via application installation, other methods are data migration, containerization, desktop virtualization (VDI), etc..

The topic is quite new to me and these discussions with other members are helping me to understand the project concept better. Not only the meetings with the other team members, but also the exchange of information between the team and the professor help us to find the right and ideal direction. Therefore, before going into a specific application area and trying to figure out its quality assurance, our team decided to research the topic in a more general way.