**devoteam**

# Architecture
# Enhancement

The purpose of a software architecture enhancement is to collaborate with stakeholders to evaluate the current state of a digital solution or product from a general architectural perspective. This is to ensure that the architecture aligns with current and future business objectives and technical requirements.

In addition to a general review, it may also be relevant to take into consideration special requirements such as real-time capabilities and transaction performance, as well as the architecture's openness for expansion and integration.

## Activities

Dialog with key stakeholders to understand the current situation and the business needs. This will guide usin definint the objectives for thei initiative

Analysis of the exisiting architecture and infrastructure to understand its strenghts and potential areas of improvement.
By reviewing documentation and conducting dialogs with architects, developers, and business stakeholders we will gather valuable feedback and insights.

Consider the openness of the architecture for future expansion, integration, and maintenance. We will then review the exisiting integration points and potential future needs for new integrations and identify possible areas of improvement.

If applicable, we will also look at the current data storage solution and its ability to meet current and future needs.

Following the analysis activities, we will get busy together with key stakeholders and experts. We will facilitate a workshop to discuss relevant findings, agree on important gaps and relevant areas of improvement, and prioritize enhancement activities.

## Outcome

The most important outcome will be a shared, deep understanding of the current and desired future state of the software architecture. There will also be alignment among key stakeholders about important priorities.

Findings dend recommendations will be documented in a comprehensive report which will include:

> Executive summary
> Assessment objectives
> Current state
> Quality attributes
> Road map

*Scalabilty*: Assessment of the system's general scalability vs. future needs and recommendations for scaling
*Data storage*: Assessment of the data storage solutions in use
*Integration*: Evaluation of the architecture's openness for expansion and integration. Proposing API and integration strategies when applicable