

Purpose

Given the critical role of **in-vitro diagnostics** (IVD) in modern healthcare and the growing demands for advanced diagnostic solutions, Roche Diagnostics International AG (RDI) faces the challenge of enhancing an **existing product** to better address both technological and customer-related requirements.

This is particularly relevant within the Serum Work Area (SWA) systems, focusing on the consolidation and increased attractiveness of its diagnostic portfolio.

Within the **Design for six Sigma**, the process of an on-market product development is explored and **new requirement are identified and prioritized**.

Applied competencies



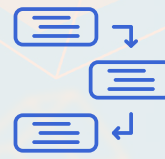
Design for six sigma



Gap analysis



Voice of customer



Requirement engineering



Kano analysis

The gap analysis and the semi-structured interviews are identifying the potential requirements. The results are then validated and translated into final requirements. These requirements are prioritized.

Resultat

The final result is an **prioritized requirement list** that helps the starting development project with additionally **further recommendations**.

