

Admin-Tool LIMS

Design, Development, and Integration

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Summary

1. Analyzing the current situation and environment
2. Planning and designing the migration
3. Developing the program
4. Testing and deploying the program

Introduction

- The **Lonza AG** utilizes the **LIMS** from ThermoFisher as their main tool to collect and evaluate data from their laboratories
- A part of this system is an add-in called the Admin-Tool, which has been written in VGL
- This tool should now be migrated to a better technological environment

Results

- An analysis of the current environment of the Admin-Tool has been carried out
- The requirements of the end-users have been analyzed
- Analysis of migration strategies
- Nearly finished development of the new Admin-Tool
- Testing and Deployment prepared

Methods

- The Following steps have to be executed in sequence.
 - A thorough analysis of the environments, end-users and migration strategies must be carried out
 - The new Admin Tool can be designed
 - Development can be done
 - The development, the program must be tested and validated.
 - The program can be deployed
- All of these steps must adhere to Lonza rules and regulations

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Conclusions

- Software migration in an environment that is as restrictive as the SampleManager environment is extremely difficult
- Some of the requested functions need further development before they can be deployed.
- Completely migrating all of the old Admin-Tools functionalities would be a massive undertaking. Therefore, functionalities like Installation package are not advised to be migrated