

# PA2552 - Software Testing

## Lean Testing Principles

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## **1 Introduction**

Testing is an essential part in most large-scale projects, whether that would be in industrial manufacturing plants or software development. The practice of ensuring functionality, reliability and safety of crucial mechanisms is a foundational requirement for any kind of development. There are multiple ways of evaluating different types of metrics for a variety of use cases, some wider known types include: stress testing, performance testing and smoke testing. [1]

The testing methodology had its origins in the early 1980s where business logic, functionality and reliability [1]

## **2 Methodology**

## **3 Results**

## **4 Analysis**

## **5 Discussion**

## **6 Conclusions**

## **References**

- [1] S. Susnjara and I. Smalley, “What is Software Testing? — IBM — ibm.com,” <https://www.ibm.com/think/topics/software-testing>, [Accessed 02-02-2026].