IMPACT OF USE CASES IN SOFTWARE DEVELOPMENT

INDUSTRIES & RESEARCH

Used across IT, finance, healthcare, telecom, and other sectors.

Mainly studied in academia but also applied in industry.

CHALLENGES

COMPLEXITY

Some aspects require too much effort or lack clear guidelines

GRANULARITY ISSUES

Hard to determine the right level of detail

INCONSISTENCIES

Variability in Use Case descriptions affects estimation and testing.

BENEFITS

IMPROVED ANALYSIS & DESIGN

Enhances communication, consistency, and decision-making.

REUSABILITY

Encourages functionality reuse in different applications

BETTER ESTIMATION

Helps predict project size and effort

AUTOMATION & TESTING

Supports test case generation and software quality

PURPOSE

Analyzes the benefits and drawbacks of Use Cases in real-world projects.