



UML

chapter II

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WHAT IS SOFTWARE ENGINEERING?  
It's an engineering discipline that involves all aspects of developing and maintaining a software product.

WHY SOFTWARE ENGINEERING IS CRITICAL: SOFTWARE DISASTERS

SOFTWARE ENGINEERING activities and personnel involved

What does a product consist of?

Phases in the realization of a project

Citations, research topics and active countries in software engineering

Goal of Software Engineering

Topics and thematic analysis

software requirements engineering

Requirements Expo

EXPO @2 functional and non functional requirements

- useful terms
- Business Management
- Project Management
- Development Team
- Customers
- End Users

- Project documentation
- Code
- Test documents
- Customer documents
- Productivity measurements

- Requirements analysis
- Design
- Implementation
- Testing
- Planning
- Maintenance

Bibliometrics studies

- Reliable
- Efficient
- Maintainable
- Reusable

- Goal and research questions
- Topics and thematic analysis
- Ranking of countries by number of contributed papers

