

Software development processes

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December 21, 2025 — [77e1b28a](#)

This is a series of posts on the topic of software development processes.

1. Requirements
2. Design
3. Construction
4. Testing
5. Debugging
6. Deployment
7. Maintenance

1 Documents

- Software requirements specification
- Software project plan
- Use cases
- Architecture
- Risk analysis

2 Unsorted

- Documentation
- Configuration management
- Quality assurance
- Verification
- Validation
- Joint review
- Audit
- Problem resolution
- Analyse needs
- Create personas
- Scope & feasibility
- Requirements
- Technologies
- Architecture
- Components

- Implementation
- Test & Deploy
- Evaluation
- Improve system
- Maintenance
Reference: https://www.researchgate.net/profile/Julius_Nganji/publication/264422652/figure/fig4/AS:296032350031876/Disability-aware-Software-Engineering-Process-Model.png
- Project planning
- Process assessment and control
- Decision management
- Risk management
- Configuration management
- Information management
- Measurement
- Quality assurance
- Business or mission analysis
- Stakeholder needs and requirements definition
- Systems/Software requirements definition
- Architecture definition
- Design definition
- System analysis
- Implementation
- Integration
- Verification
- Transition
- Validation
- Operation
- Maintenance
- Disposal
https://en.wikipedia.org/wiki/ISO/IEC_12207

3 Risk management

- identify, characterize threats
- assess the vulnerability of critical assets to specific threats
- determine the risk (i.e. the expected likelihood and consequences of specific types of attacks on specific assets)
- identify ways to reduce those risks
- prioritize risk reduction measures

3.1 References

- https://en.wikipedia.org/wiki/Risk_management