

Typical Tasks in the Development Process Life Cycle

Professional system developers and the customers they serve share a common goal of building information systems that effectively support business process objectives. In order to ensure that cost-effective, quality systems are developed which address an organization's business needs, developers employ some kind of system development **Process Model** to direct the project's life cycle. Typical activities performed include the following:(1)

- System conceptualization
- System requirements and benefits analysis
- Project adoption and project scoping
- System design
- Specification of software requirements
- Architectural design
- Detailed design
- Unit development
- Software integration & testing
- System integration & testing
- Installation at site
- Site testing and acceptance
- Training and documentation
- Implementation
- Maintenance

(1) Kal Toth, Intellitech Consulting Inc. and Simon Fraser University; list is partially created from lecture notes: Software Engineering Best Practices, 1997.