

Software Engineering Template (SET)

Highlights

- Set of software engineering templates for Microsoft® Office tools: Microsoft® Excel® and Microsoft® FrontPage®
- Provides a convenient way to implement a software development process like the IBM® Rational® Unified Process® (RUP®) or any other process without having to invest in sophisticated software engineering tools
- Provides out-of-the-box templates for the following disciplines of the RUP®: Business Modeling, Requirements, Analysis & Design, Test, Project Management, and Configuration & Change Management
- Can be tailored to the specific needs of any software organization using any software development process
- Ideal for small software development and maintenance teams

Description

Implementing software engineering best practices is desirable for any software development or maintenance organization regardless of its size. However, small organizations often do not have the financial and human resources required to automate a process like the IBM® Rational® Unified Process® (RUP®) using sophisticated software engineering tools. Hence, small organizations often rely on standard office automation tools like the one provided in the Microsoft® Office suite. It is exactly for these types of organizations that the Software Engineering Template (SET) was created.

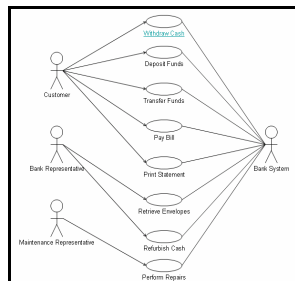
The SET provides a convenient way to implement a software process like the RUP® without having to invest in sophisticated software engineering tools. It includes templates for standard office automation tools like Microsoft® Excel® for requirements management, change management and project management, and Microsoft® FrontPage® for visual modeling.

ID	Header	Description	Priority	Status	Author	Creation Date
FEAT1	Cash Withdrawal	The ATM system sh01	High	02. Approved	scharbonnes	January 1, 2004
FEAT2	Funds Deposit	The ATM system sh01	High	02. Approved	scharbonnes	January 1, 2004
FEAT3	Funds Transfer	The ATM system sh02	Medium	02. Approved	scharbonnes	January 1, 2004

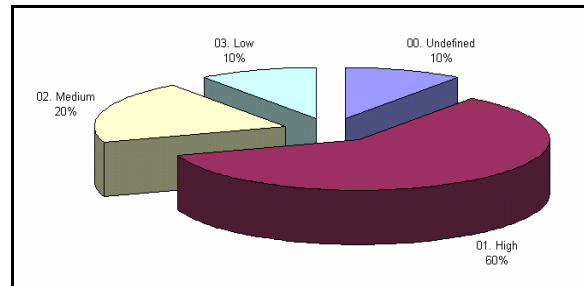
Example of a System Features Attribute Matrix created using Microsoft® Excel®

Request ID	Feature ID	UC1	UC2	UC3	UC4	UC5	UC6	UC7	UC8	UC9	UC10
	FEAT1	02. ↑	00. X	00. X	00. X	00. X	00. X	00. X	00. X	00. X	00. X
	FEAT2	00. X	02. ↑	00. X	00. X	00. X	00. X	00. X	00. X	00. X	00. X
	FEAT3	00. X	00. X	02. ↑	00. X	00. X	00. X	00. X	00. X	00. X	00. X

Example of a System Features to Use Cases Traceability Matrix created using Microsoft® Excel®



Example of a Use Case Model created using Microsoft® FrontPage®



Example of a System Features Priority Distribution created using Microsoft® Excel®

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