



University of Zurich
Department of Informatics



RE for Software Product Management

Requirements Engineering II - Assignment 7

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Content

- **Value-Based Requirements Prioritization**
- **A Distributed Prioritisation Process**
- **Visualisation of Prioritisation Data**

Value-Based Requirements Prioritization (1)

- **Market-driven software development**
 - Developer bears all financial risks
 - Pressure on time-to-market
 - Recurrent releases
 - Careful release planning and requirements prioritisation

Value-Based Requirements Prioritization (2)

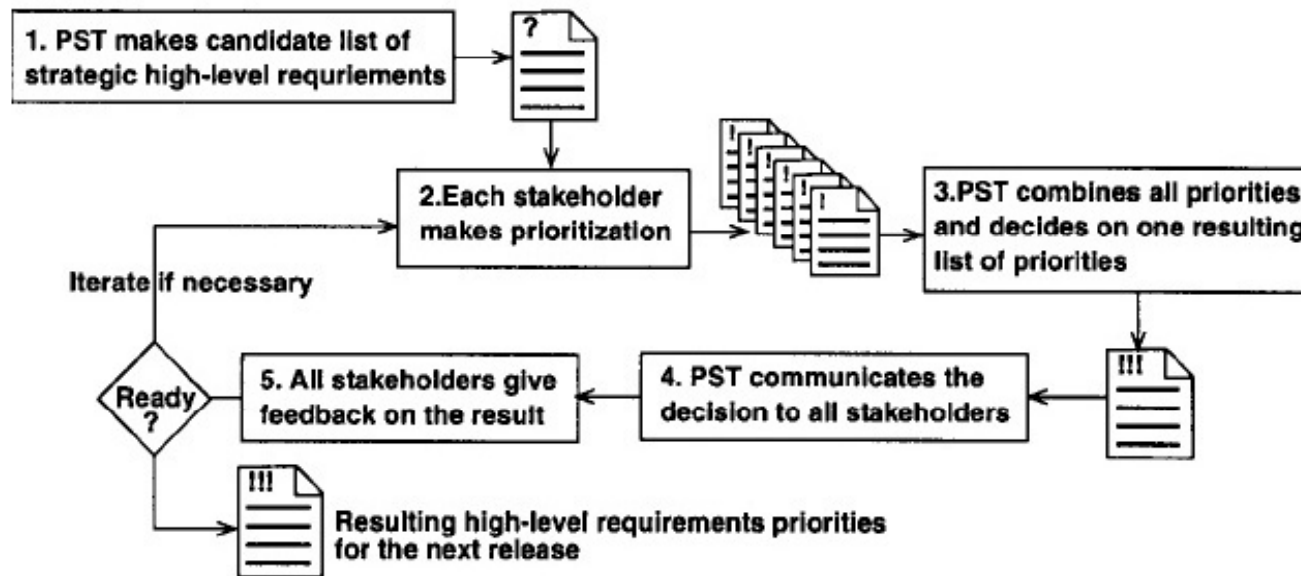
- **Emphasis on the selection and prioritization of requirements**
 - Evaluate and adjust Priorities periodically
- **Requirement**
 - A property that a product must have to provide value to a stakeholder.
- **Challenge**
 - Select the ,right‘ requirement
 - Fullfill key interests, technical constraints, preferences of the critical stakeholders
 - Maximize Business value

A Distributed Prioritisation Process (1)

■ Industrial Case Study on Distributed Prioritisation

■ REPEAT

- A distributed prioritisation process for gathering information from all stakeholders on high-level requirements importance



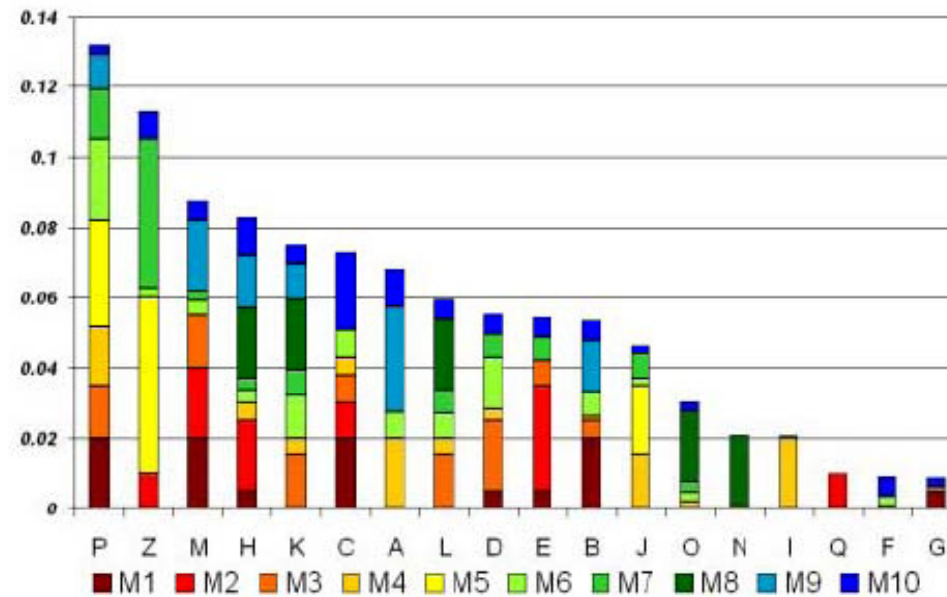
A Distributed Prioritisation Process (2)

■ Features

- Feature Group: A-Q
- Number of features: 58

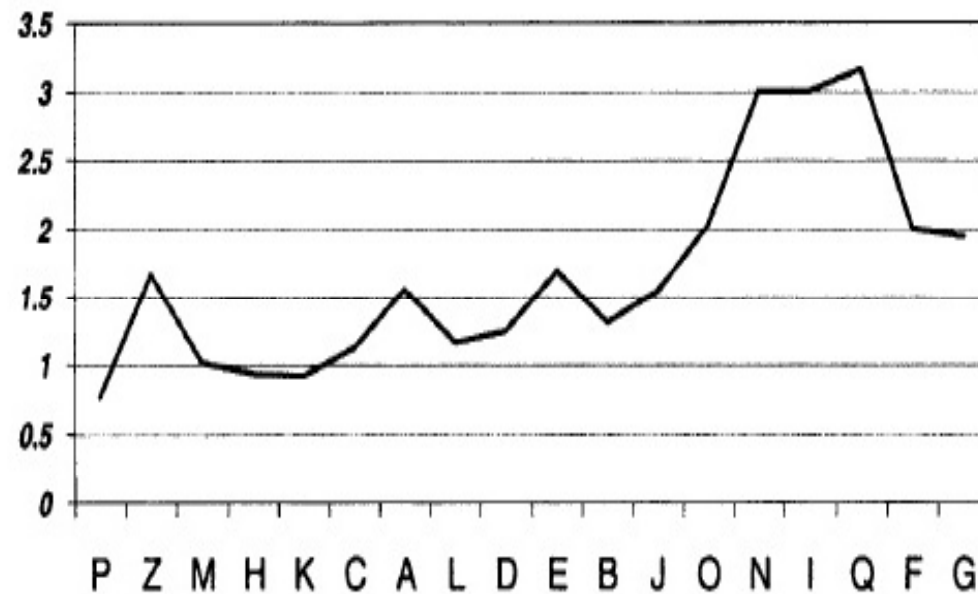
■ Weighting criteria

- Revenue last release
- Profit last release
- Number of sold licenses last release
- Predictions of the above criteria for the coming release
- Number of contracts lost to competitors
- Size of total market segment



Visualization (2)

- Disagreement Chart visualising the dispersion of priorities among stakeholders



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- **Questions?**
 - **Thanks for your attention!**