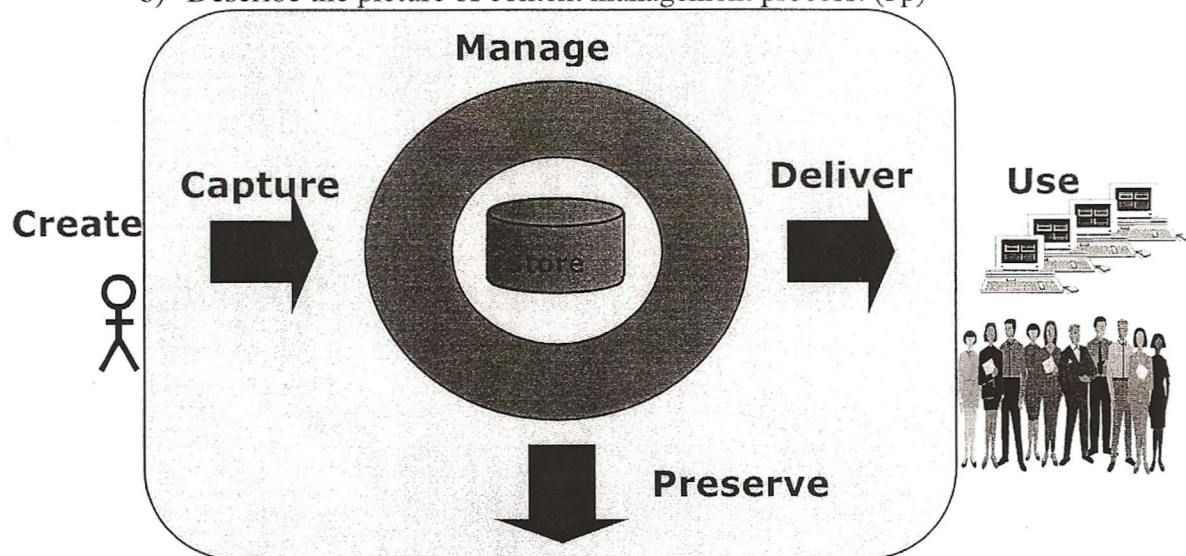


## T-86.5141 Enterprise Systems Architecture (4), Exam 8.1.2008

Write in every paper the following information:

- T-86.5141 Enterprise Systems Architecture, Exam 8.1.2008
- Family name, first names
- Student ID
- Department
- Signature

1. List and explain the *categories* of the risk factors of an enterprise-wide/Enterprise Resource Planning (ERP) system project (not only those specific to these types of projects) and mention some *specific risks within each category*, according to Mary Sumner, "Risk Factors in enterprise-wide/ERP projects", 2000. (6p)
2. List and briefly describe the *PDM user functions* (e.g. according to CimData, Product Data Management: The Definition, 1996) and the *main functionality* of an ERP system (e.g. according to Thomas H. Davenport, Putting the Enterprise into the Enterprise System, 2000) and *compare them* (differences and commonalities). (6p)
3.
  - a) Describe principles and structure of the Zachman Framework (3p)
  - b) Describe the picture of content management process. (3p)



4. Explain the following terms. (6p)
  - a) Web Services (1p)
  - b) Enterprise Service Bus (ESB) (1p)
  - c) Service Composition (1p)
  - d) Metadata (1p)
  - e) EDI (1p)
  - f) Product Life-cycle (1p)