

University of Pisa

MSc in Computer Engineering

Systems for Strategic Management and Support

LECTURE 11

<http://www.iet.unipi.it/m.cimino/ssms/>

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GROUP PROJECTS: ESTABLISHING A COMMON STRATEGY

- Both groups will focus on the **collaborative production of goods**, to avoid the investigation of specific productive tasks (→expensive)
- Goods to be produced (one category per group): manufacturing equipment, quality electric guitars
- Both groups will interact every Thursday (15.00-16.30 pm) with people studying the target processes and people studying the supporting information technology
- The group members will also study fundamentals of the target processes. In the second stage they will make some external interviews to refine the models.
- The model will be partially designed with *Visual Paradigm Logizian*, and partially deployed on *Web Ratio BPM*.
- Modeling will be based on some *Social BPM* pattern. A basic model developed in an innovation research project will be provided (in Italian)

GROUP PROJECTS: ESTABLISHING A COMMON STRATEGY

- Example of supporting information technology to be considered (not studied in the course, just as a reference):
 - *Alfresco Community Edition* (www.alfresco.com), a free enterprise content management system
 - *Acviti* BPM designer/engine (www.activiti.org), supporting BPMN
 - *A Web Semantic SOA Service*, to support Service Tasks, based on Apache Jena + Pellet + Protegè designer/engine (clarkparsia.com/pellet, jena.apache.org, protege.stanford.edu)
 - *Qlikview* and *Pentaho*, data integration and analytics (www.qlikview.com, www.pentaho.com)