

University of Pisa

MSc in Computer Engineering

Systems for Strategic Management and Support

LECTURE 3

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

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GROUP PROJECTS: OBJECTIVES

To help students in developing skills that are increasingly important in the professional world

- **Break** complex tasks into parts and steps
- **Plan** and manage time
- **Refine** understanding through discussion and explanation
- Give and receive **feedback** on performance
- Develop stronger **communication** skills
- **Delegate** roles and responsibilities
- **Share** different perspectives
- **Pool** knowledge and skills

GROUP PROJECTS: JOURNAL OF ACTIVITIES

- **Coordination:** divide among members the time for schedules, arrange meetings, meet, correspond, make decisions collectively, integrate contributions.
- **Motivation:** establish common expectations for each group, increase the individual accountability by reporting the time spent.
- **Journal of activities:** www2.ing.unipi.it/~r000099/iso9001

Example:

At the beginning: *Jack BEGIN* (SEND)

At the end: *Task1, task2, ... - Jack END* (SEND)

- **Important:** Report only the time related to the **project**, not the time spent in studying theoretical parts of the course (background).

GROUP PROJECTS, REAL-WORLD FIRMS

Two topics of Workflow modeling:

A) Collaborative Design/Production of Manufacturing Equipment



B) Production of High quality musical instruments (workmanship)