

# System Understanding Document - Project Management System

Source: Meeting between Client and Development Team

Purpose: Collect requirements for modeling a UML class diagram

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Participants:

- Client: Project Management Representative
- Analyst: João C. (Development Team)

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Meeting Summary:

During the session, the client described the typical workflow of a project within their organization. The system to be developed is aimed at supporting project management, from initiation to termination.

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Key Points Discussed:

## 1. Project Management

- Each project is managed by a Project Manager.
- The manager initiates and terminates projects as part of their lifecycle.
- A team is responsible for executing the project under the manager's leadership.

## 2. Project Attributes

- Each project has:
- Name

- Start Date
- End Date

### 3. Inputs and Outputs

- A project uses requirements as input.
- A project produces a system as output.
- Both Requirements and System are considered Work Products-artifacts that are created, used, updated, and validated throughout the project.

### 4. Work Products

- All Work Products have:
- Percent Complete
- Description
- Can be validated, but the method of validation depends on the type of Work Product.
- The concept of "Work Product" is abstract, since both Requirements and Systems share these traits.

### 5. Validation Methods

- Requirements:
- Validated through workshops with users.
- Once validated, they can be published on the intranet or on paper.
- System:
- Validated by being tested against the Requirements.
- After validation, can be deployed on specific platforms.

### 6. Team

- Each project is executed by a team.
- The team is described and works under the leadership of the Project Manager.