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# Seminar Organization

PB007 Software Engineering I

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# Your PB007 seminar tutor



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# Today's goals

To **motivate** you study PB007

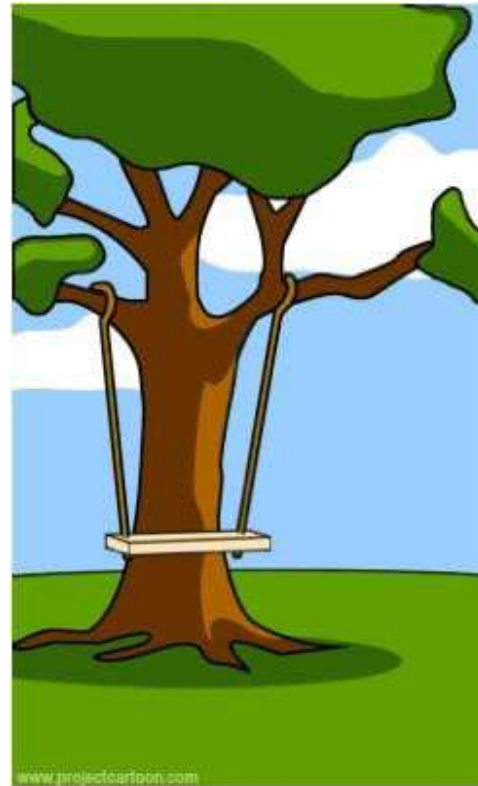To **give** you organization information

To **help** you get to know each other

To **introduce** you to the seminar project

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# Why do we do this anyway?



How the customer
explained it

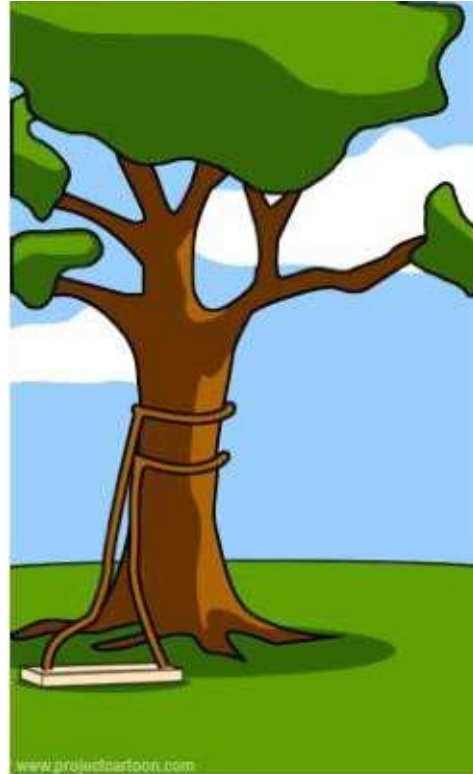MUNI
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# Why do we do this anyway?



How the project leader
understood it

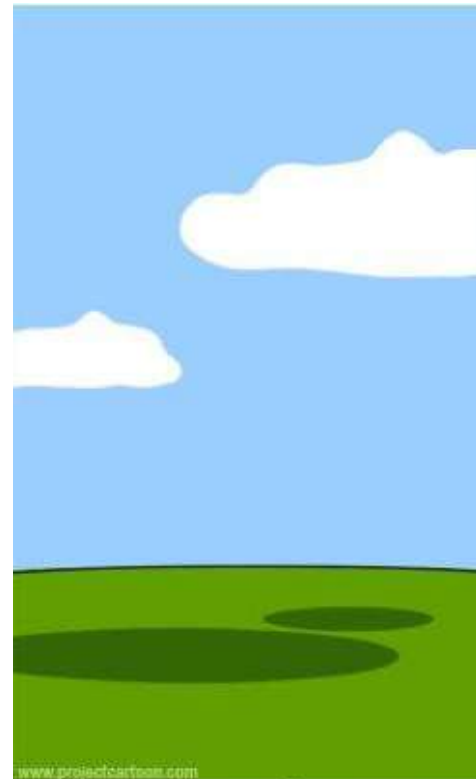# Why do we do this anyway?



How the analyst
designed it

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# Why do we do this anyway?



How the programmer
wrote it

# Why do we do this anyway?



How the project was documented

# Why do we do this anyway?



What the customer
really needed

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# So why UML?



- **Unified (modeling) language**

  for all project members

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# Requirements

That boring part of this seminar

- ## Attendance
  - Seminars are mandatory!
  - Max. one unexcused absence allowed (1st seminar does not count)
  - Every next unexcused absence means **-5b** to the final score

- ## Project
  - Group project (3 students)
  - Weeky submission of PDF report to homework vault
  - Deadline - 48h before the next seminar session (Wednesday 8:00)
  - Late submission means **-5b** to the final score
  - Project completion is required for exam admission

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# Requirements

That boring part of this seminar

- ## Questionaries
  - Graded tests at the beginning of each seminar (starting from 3$^{rd}$ seminar)
  - You can get **2 points** for each tests, and there are 10 tests in total
  - The test will cover the topic of that week's seminar

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# Typical seminar

The secret of your future is hidden in your daily routine (M. Murdock)

1. **ROPOT**

2. **Learning** from previous diagram **mistakes**

3. **Tips** on new diagram

4. **Activity**

5. **Team work** on project
   - consultations
   - fixing previous mistakes
   - new diagrams

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# Tools

- Visual Paradigm
  - Version 17
  - https://www.visual-paradigm.com/download/

- License key in Seminar syllabus
  - Academic license for 1 year
  - For educational purposed only
  - Checked at each program start
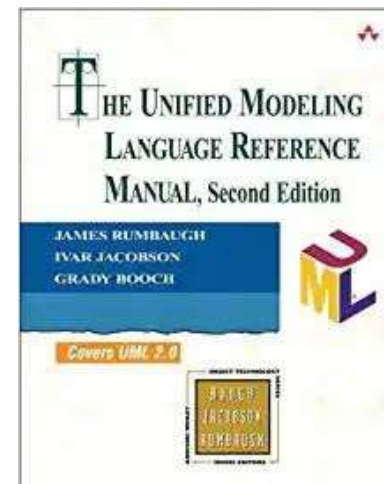  - Activation guide
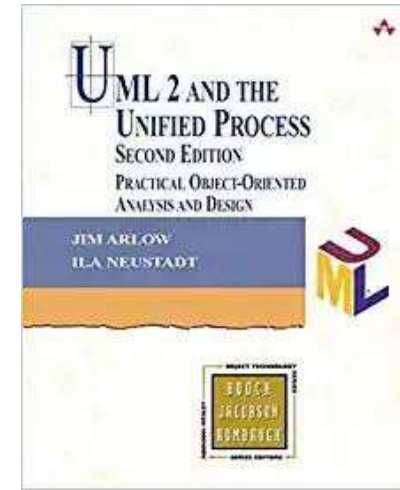  - Academic License

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# Useful links

- Visual Paradigm tutorials
  - https://www.visual-paradigm.com/tutorials/

- UML tips
  - http://www.agilemodeling.com/style/

- Seminar syllabus
  - https://is.muni.cz/auth/el/fi/podzim2024/PB007/um/sem/index_sem_en.qwarp

- **Catalogue of common UML mistakes**
  - https://lasaris.fi.muni.cz/students/uml-catalogue

# Information sources

Would you like to know more?

- ## UML 2 and the Unified Process
    - Jim Arlow, Ila Neustadt
    - detailed explanation of the UML diagrams, tips, examples,. . .

- ## The Unified Modeling Language Reference Manual (2nd Edition)
    - James Rumbaugh, Ivar Jacobson, Grady Booch
    - semantics for UML elements

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# Would you like to know MORE?

- PV226 Seminar LaSArIS
  - Be informed about research activities
  - Be involved in research activities

- See [FI:PV226 Seminář LaSArIS - Informace o předmětu (muni.cz)](#)

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# Task for this week

You gotta do what you gotta do

- Read the project assignment
  - Think about the requirements on the system form user roles
  - Write them down as appropriate
- Create a team and figure out a name
- Create a VP project
- Figure out project sharing (OneDrive, Dropbox, Git, etc.)
  - Beware! Visual Paradigm is very bad in concurrent access
  - Work on your local copy. Editing on cloud is fishy.
- **You don't submit anything this week**

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