

# Exercise – UP and use cases (7 studypoints)

## Exercise 1:

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Compare UP with XP/Scrum on a number of specific aspects.

State activities, techniques, artifacts or describe what characterizes each method

Insert your findings in the table below.

Aspect	Unified Process	XP/Scrum
<b>Requirement elicitation</b>  What are the core activities and artifacts?  What challenge is given highest priority?		
<b>Architecture and design -</b>  What is the attitude towards the way these characteristics should emerge?		
<b>Documentation</b>  How is the application of models tied to the development  How is the design and code documented?		
<b>When suitable?</b>  Project type (examples)?  Customer type (examples)?		
<b>Process driven by ..</b>  which goals/objectives are given the highest priority?		

## **Exercise 2:**

Write a Use Case Description for one nontrivial use case related to your project.

The description must follow the guide lines presented in the class and reveal

- the specific user role for the use case
- the sequence of events between the user and the system in each of the following situations
  - o happy path
  - o the system is unable to provide the requested service (alternative flow)
  - o the user provides invalid input (alternative flow)
  - o

More guidelines:

- o as stepwise interactions between the actor and the system
- o as seen from the actors perspective
- o as actor **intentions** (not what it done on user interface - e.g. push xx-button)
  - use active verb (e.g. "actor selects type of item")
- o as system **responses** or **services** (not its internal working)
  - think of any of the following
    - check of input
    - data processing
    - permanent data storing
    - feedback

## **Groups:**

Project groups

## **Presentation in the classroom:**

Present the result for the teacher in the classroom on Friday the 28/04.

## **Studypoints:**

7 study points is earned by each group member present during the presentation (if approved)

0 study points is earned otherwise. No further grading will be done.

No written hand in is accepted.