Exercise – UP and use cases (7 studypoints)

**Exercise 1:**

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** |
| **Requirement elicitation**  What are the core activities and artifacts?  What challenge is given highest priority? |  |  |
| **Architecture and design** -  What is the attitude towards the way these characteristics should emerge? |  |  |
| **Documentation**  How is the application of models tied to the development  How is the design and code documented? |  |  |
| **When suitable?** Project type  (examples)?  Customer type (examples)? |  |  |
| **Process driven by ..**  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
  + happy path
  + the system is unable to provide the requested service (alternative flow)
  + the user provides invalid input (alternative flow)

More guidelines:

* as stepwise interactions between the actor and the system
* as seen from the actors perspective
* 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")
* 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 18/11.

**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.