Home Exercise #2 Planning and Processes

Intended learning outcome
After passing this exercise the student shall be able to:

- Describe fundamental agile concepts.
- Reflect on the differences between classic project management, waterfall model and agile methodologies.

Task
eXtreme Programming, XP, contains lot of practical experience and is counted as one of the most influential agile methods. One of the reasons for its popularity is its characteristics, which are described with a number of practices, also known as facets or rules.

a) Write a thorough description of four of these practices. For each of the practices you should also reflect of whether the practice can be used in a traditional, water-fall inspired, method or if the practice can only be followed in an agile method. Motivate your reflections clearly.

b) The persons who developed XP were very clever and skilled programmers. Suppose we start with a team of newly graduated members, describe three ways in which team members can increase their competence and skill by following the XP method.

c) XP and SCRUM are popular results stemming from the agile community. Make a comparison between XP and SCRUM by giving a detailed description of their differences.

d) Can XP and SCRUM be used simultaneously by the same team? Motivate your answer well.

Report
1-2 pages of texts with references.

Pass Criteria
- Understandable language.
- An arguing and discussion text.
- At least 2 correct references, apart from lecture slides and Wikipedia.