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Concordia University
Department of Computer Science and Software Engineering
SOEN 341 — Software Process
Fall 2007 — Section H
Homework Assignment Number 1

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Instructions

This is an individual assignment. Even if some questions are related to your group project, all answers from individuals in the same group must be individual contributions.

Grading value is indicated with each question.

Similar questions (among others) will be asked in the quizzes.

Submit your answers electronically.

Question 1 [25 marks] Explain what is your exact role in your team project. Identify your skills that are to be put in use in the project. Explain how you will depend on the work and skills of others, and how others will depend on your work [15 marks] . Explain the tools and techniques you plan to use in this role [10 marks] .

Question 2 [25 marks] What software development model or process could you use in your team project? Justify your answer, i.e. give three arguments explaining why this model is appropriate to your project [15 marks] . Explain your answer by giving details about how you would apply this process to your project [10 marks] .

Question 3 [25 marks] Identify and clearly explain 3 risks of importance in your project [10 marks] and what strategy you could to use to minimize the probability of occurrence and reduce the magnitude of the effect of this risk on your project [15 marks] .

Question 4 [25 marks] Select 5 key features of Extreme Programming and explain how they could be implemented in your project [15 marks] . Explain the possible pitfalls that are likely to happen by the missing other 7 key features in your approach [10 marks] .