Workshop 2

Security Risk Management and Modelling
Key Tasks

1. What are security risks?
   - Each team member should propose at least 2 security risks
   - For each risk:
     - it must be clear what are threat agent, attack method, vulnerability and impact
     - it must be clear which system asset(s) is (are) targeted by the identified risk

2. For one risk of your choice
   - create security risk management model using security risk-oriented BPMN
   - Write information which was not possible to express using this language

3. For another risk of your choice
   - create security risk management model using security risk-aware Secure Tropos
   - Write information which was not possible to express using this language

4. For the third risk of your choice
   - create security risk management model using security risk-oriented misuse cases
   - Write information which was not possible to express using this language

5. For the fourth risk of your choice
   - create security risk management model using Mal-activities for security risk management
   - Write information which was not possible to express using this language

6. (OPTIONAL!!!) Continue maintaining team management plan

7. Prepare and present your solution
Deadlines

14. April – present your solution to your classmates
   - During lecture time
   - 10 minutes presentation + 10 minutes questions/answers

14. April (at the latest!) – submit your workshop report
   - Do not be late (late solutions will not be accepted, and later feedback will not be given)

Submission through course Website, it is OK if only one team member submits the solution

20. April (at the latest!) – feedback given to teams
20. April – post-workshop II questionnaire released
27. April (at the latest!) – submit post-workshop II questionnaire
Evaluation

• Workshop 2 report – 10 points
  – You will receive feedback and will be able to improve the solution. The grade will be given for all three workshop solutions at the same time

• Workshop 2 presentation – 5 points
  – The grade will be given after the presentation

• Post-workshop 2 questionnaire – 2 points