Workshop 3

Solution-oriented requirements
Requirements modelling

Deadline for initial submission: 3. December, 9AM
Feedback on initial submission: 5. December
Final submission: 10. December, 9AM

Submit using course Website – Submit function
Workshop 3

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Requirements modelling

Penalty for late initial submission – no feedback
Penalty for the late final submission – 50% of the final grade
Requirements Modelling

- Requirements Modelling
  - **Task 1:** **SCOPE** the problem you analyse and select/agree about the most important concern for refinement

For the selected scope:
- **Task 2:** create a **class diagram**
- **Task 3:** create a **state models** (4-6, for different objects of different class)
- **Task 4:** create a **sequence diagram**
Solution-oriented Requirements

• Solution-oriented Requirements
  • **Task 5**: From the created models extract and document *solution-oriented requirements*
    • From class diagram – 4 requirements
    • From state models – 4-6 requirements
    • From sequence diagram – 4 requirements
Task 6: Requirements management

• Update traceability model and traceability management
  • Do not forget to maintain it during the whole workshop

• Do not forget that non-functional requirements, goals, use cases, scenarios, requirements models and solution-oriented requirements (i.e., class diagram, state diagrams, sequence diagrams or in some cases even their components) are requirements artefacts
  • Maintain their appropriate properties

• Workshop 3 solution is your requirements specification version 3.
  • Manage version control at the document and requirements artefact (i.e., requirements, goal models, use case diagram, scenario, requirements models, etc.) level