Software Engineering and Design
CS2 – Task 4: Domain Model and Sequence Diagram

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Domain Model and Sequence Diagram

For your application, design:

1. a UML domain model
   - covering the main classes
     - plus association, inheritance, and aggregation relations
   - observe the general modeling guidelines
   - make use of Responsibility Driven Design (RDD) or CRC-Cards
2. two UML sequence diagrams
   - based on your domain model
   - one each for the following situations (each should be non-trivial)
     - when the user updates some specific information
     - when the system alerts the user about some specific event
3. extend your UML domain model into a UML class model (first version)
   - update or add classes and relations as needed
   - include attributes and operations needed for your sequence diagrams

Domain Model and Sequence Diagram

Presentation of results: 29.04. (beginning of lecture)

▶ 10 min per team incl. discussion

▶ 10 points for documents

Hints

‣ keep your project diary up to date

‣ place all work results in your repository under path `...\doc\task04\`