# Software Engineering and Design
CS1 – Task 7 (Domain Model and Sequence Diagram)

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# CS1 Task 7: Domain Model and Sequence Diagram

For your application, design:

**1.** a UML domain model (i.e. class diagrams) covering the main classes

- ▸ incl. association, inheritance, and aggregation relations
- ▸ observe the general modeling guidelines and make use of Responsibility Driven Design (RDD) and use CRC-Cards as a tool.

**2.** based on your domain classes, create two UML sequence diagrams, one each for the following situations

- ▸ when the user updates some specific information
- ▸ when the system alerts the user about some specific event

**3.** if necessary, refine your UML class model to include the attributes and operations needed for your sequence diagrams.


Presentation of results (10 min per team): Mon 18.04.16 (class p), Wed 20.04.16 (class q)

- ▸ 10 points for documents
- ▸ 5 points for presentation

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Hints

- ▸ keep your project diary up to date
- ▸ place all work results in your repository under path `...\doc\task07\`