Assignment #6 - KNA Toolbox
Large System Development

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Fall 2017

The goal of this assignment is to create the basis for a FKA-Toolbox contract between the frontend and the backend subsystems of your large systems development project.

1 Divide into sub-systems

If you have not already divided your solution into these sub-systems, you must do so. This is an additional but **mandatory** requirement to the system. As you know, requirement changes are to expect in agile software development.

2 Logical Data Model

Create a logical data model [1] of your system. It is a good idea to take inspiration from the domain model and/or nouns from the initial requirements.

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[1] Meaning a logical data model as defined in class (see slides), not a free pick of definition from the internet!

3   Use Case Model

From the requirements in your large systems project, refine the use case model. You should of course use your existing use-case model as baseline.

The model should be as complete as possible, also be sure to respect traceability between artifacts and your requirements.

Identify the use-cases that will be implemented in the project period.

The model must have:

- A complete use case diagram.

- A fully dressed use case description for all use cases, or at least the use-cases identified above.

- A brief use case description for all other use-cases if any.

- A description of all actors, including responsibilities.

- A Sub-system sequence diagram for all identified scenarios in the use-cases

Depending on the technology you use, the system operations specified in the sub-system sequence diagrams, should be either syntactically correct Java/C/Kotlin/.. method signatures or unambiguos protocol signatures.

An example of REST protocol signature could be:

```
PUT(UserDetail):/user
```

or:

```
GET:/user/{id:Number}
```

Hand in

Hand in groups on Moodle before Wednesday, October 25th . The hand in must be a link to a markdown (.md) document on GitHub with the models and nescesary explaining text. **The document must show participating group members with names and their participation in percentage of the total workload for this assignment**