

# Distributed and Outsourced Software Engineering (DOSE 2008)

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## *Assignment 4: Consolidated Requirements Document in the group and API*

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*(21 points of 70)*

*First draft deadline: Thursday, November 6<sup>th</sup> - 10 am (Zurich time)*

*Final Deadline: Thursday, November 13<sup>th</sup> - 10 am (Zurich time)*

*Commit the files at*

*[https://svn.origo.ethz.ch/dose2008/group\\_n/req\\_doc](https://svn.origo.ethz.ch/dose2008/group_n/req_doc)  
where n is your group number*

### Requirements Document

In assignment 2, each team has written a requirements document. The group has written 3 documents describing the 3 clusters. The first task of this assignment is to create a unique document that describes the requirements of the whole system. *Note that only putting the three documents together is not enough.* We recommend doing the following tasks:

- All members of the group revise the 3 requirements documents and give feedback to the authors of the documents
- The feedback is integrated in each requirement document
- The unique document is created using the three documents. Then all members revise the document to find problems such as inconsistencies, missing descriptions, etc
- The feedback is integrated and the document is ready for the final revision.
- The final revision is done by all members and the feedback is integrated

## API

Before starting the implementation, teams have to define the common API of the system. The API has to be written in Eiffel using design by contract. Contracts will help to specify the API. The API has to be added to the Eiffel project at:

[https://svn.origo.ethz.ch/dose2008/group\\_n/src/](https://svn.origo.ethz.ch/dose2008/group_n/src/)

Furthermore, the API has to be added in an appendix in the requirements document described above, and the API has to be briefly explained.

## First Draft

You have to commit a first draft on Thursday November 6<sup>th</sup>. **This version will not be graded but it is mandatory to commit the first draft. Not committing the first draft implies failing the course.**

We recommend committing your document frequently so that other members of the group can see document.