

Distributed and Outsourced Software Engineering (DOSE 2011)

Assignment 1: Scope Document and First Communication in the Group

(10 points of 100)

Deadline: Tuesday, October 18th 8am (Zurich time)

Commit the files at

*https://svn.origo.ethz.ch/dose2011/scope/group_n/
where *n* is your group number.*

1. Basic Information

1.1 Mailing Lists

We have created mailing lists for all the groups. In these mailing lists, all the members of the group are subscribed. The mailing lists are:

se-dose-group1@lists.inf.ethz.ch

se-dose-group2@lists.inf.ethz.ch

...

se-dose-group12@lists.inf.ethz.ch

Important: When you send an e-mail to any member of your group, please CC your group mailing list.

1.2 Communication Rules

*There are several universities involved in this project. Good communication is **important**. Please, when you send any e-mail to the assistants or your colleagues start the subject with: [dose2011]. Furthermore, when you sign the e-mail **add your group number** (you will get a group number soon), **and the university where you are from.***

1.3 Using the Origo Project

The Origo project <http://dose2011.origo.ethz.ch> is used as software development and collaboration platform. The platform has an *svn* server. The *svn* repository stores all the committed versions of your files. So, please keep only **one version** of any document in the repository, and use file names that reflect the content of the document. For example, the name of scope document can be named “scope.doc” and not “xwt25t.doc”. You should always keep only one version of the file; previous versions can be restored using SVN.

1.3 Project Deadlines

The project milestones and project deadlines are the following:

- Assignment 1: Scope Document and First Communication
Deadline: October 18th
- Assignment 2: Requirements Document
Deadline: November 1st
- Assignment 3: API
Deadline: November 8th
- Assignment 4: Implementation in Eiffel
Deadlines:
First implementation: November 29th
Final implementation: December 13th
- Assignment 5: Testing
Deadline: December 19th
- Project Presentations (at ETH): 20.12.2011

2. Scope Document

Before starting the project, the groups need to define the scope of the project. Without a shared vision, teamwork cannot take place. In the dose2011 project, the overall scope document is provided by course organizers and this document is at the project repository:

<https://svn.origo.ethz.ch/dose2011/scope/>

This scope document describes the overall organization of the dose2011 project.

Tasks

The goal of this assignment is to write a scope document. Each **group** has to write its own scope document. A template of the scope document can be found at:

<https://svn.origo.ethz.ch/dose2011/templates/>

3. First Communication: Tasks

The groups have been published at <http://dose2011.origo.ethz.ch> . Each **team** will have to define a **contact person**. The second task of this assignment is to have the first meeting with the whole group. The contact persons need to contact all the members of the group and collect/ask the following information/questions:

1. Name, e-mail – skype id – origo id
2. Eiffel Experience: (none – basic – good - excellent)
3. Do you have EiffelStudio installed? – If not, ask them to install it
4. Experience in writing requirement documents: (none- basic – good – excellent)
5. Work Experience
6. Biggest project: (line of code)
7. Knowledge in OO languages (e.g. Java, C#)
8. Other programming languages
9. Languages he/she speak
10. Ask him/her to send you a picture
11. **Time Slot for Meetings:** We want to have meetings with at least the contact person of each team. Ideally, everybody should attend the meeting. Find a time slot where most of the group can be on-line. The meeting will be 30 minutes, and everybody should reserve this weekly time slot (although we might not meet weekly). **Restriction: Tuesday morning is impossible. If possible, propose several options.**
12. Any other information you think it is important to know.

Once you have all the information, prepare a presentation. See an example at:

<https://svn.origo.ethz.ch/dose2011/templates/>

Commit the presentation at http://svn.origo.ethz.ch/dose2011/scope/group_n where n is your group number.

4. Effort Expended per Team

We want to keep track of the time expended in each task per each team. Please, during the each assignment store the following information:

1) How many person hours did you dedicate to Assignment1?

a) How many person hours of Assignment 1 did you use for communication? Split the answer in two categories:

I. Communication with members of the same team (located in the same university)

II. Communication with members of other teams (located in other universities)

b) How many person hours of Assignment 1 did you use for development of the assignment result (preparing the documents, answering questions, writing documents, reading documentation, etc)?

2) From question 1.a):

a. How many hours were used for voice communication?

b. How many hours were used for other way of communication such as e-mail, forums,, etc. ?

c. How many hours did you use for face-to-face meetings?

3) How long did you have to wait for a reply from the other team? Indicate best case, worst case and average in hours.

After each assignment, you should also commit your Skype logs (or any other chat logs). Commit the logs at http://svn.origo.ethz.ch/dose2011/logs/group_n where n is your group number.