

# Distributed and Outsourced Software Engineering (DOSE 2010)

## *Assignment 0: Set up*

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*(Mandatory)*

*Deadline: Wednesday, October 6<sup>th</sup> 9am (Zurich time)*

### 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: [dose2010]. 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.

### Origo Project and Teams

The Origo project <http://dose2010.origo.ethz.ch> will be used as software development and collaboration platform. You have to create an Origo id and send it by e-mail to Martin Nordio ([martin.nordio@inf.ethz.ch](mailto:martin.nordio@inf.ethz.ch)) by **Wednesday October 6<sup>th</sup>**. Your Origo id will be added to the project and you will have access to Wikis, SVN, forums, etc.

Teams will be formed at each university; the number of students per team depends on the university<sup>1</sup>. If you have not created your team, do it. Then, send by e-mail to Martin Nordio by **Wednesday October 6<sup>th</sup>** the following information (for all the members of the team):

- a. Name
- b. E-mail
- c. Skype id (at least one member of the team should have an skype id)

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<sup>1</sup> The number of students per team at ETH is 2-3.

## Project Topic: Computer Training Automation Tool

The goal of the DOSE project is to implement a framework for learning languages such as English, Spanish, Italian, Russian, etc. The framework consists of several tools. For example, a tool to learn English-Spanish, a tool for Russian-Italian, etc. Each tool has two modules: a module to learn the language, and a module to test the knowledge of the language.

Each tool should support the creation of new tests, and it should allow users to extend the learning module with new vocabulary. The application shall monitor the actions of the trainees during the test and at the end of the test, it shall come up with an evaluation of how well the trainee has performed. The system shall store and retrieve this information.

The project is organized as follows:

- (1) *A Main GUI* component (first version implemented by Julian Tschannen)
- (2) *Several Language* components

Each language component is developed in three parts:

- (1) *Logic*
- (2) *GUI*
- (3) *Store*

For more information about the project see the scope document in the dose2010 repository.

### Task

Decide if you prefer the GUI, logic or the store component (provide first preference and second preference). Add this information to the Wiki page:

<http://dose2010.origo.ethz.ch/wiki/teams>

(You will have access after you send your Origo id to Martin Nordio)

### Technology:

All the projects MUST be implemented in Eiffel. Download and install EiffelStudio 6.6 from [http://sourceforge.net/projects/eiffelstudio/files/EiffelStudio%206.6/Build\\_83873/](http://sourceforge.net/projects/eiffelstudio/files/EiffelStudio%206.6/Build_83873/)

**Please double check that you install EiffelStudio 6.6 build 83873.**