Exercise Sheet 9 - Project Implementation

In the **Exercise Sheets 8 and 9** you can put your previous experience to use in a project. You can choose a project from multiple options, or create your own. Instead of a detailed task description, you will only receive a rough sketch of a task. Besides the basic functionality, you are completely free in the realization of the program. In **Exercise Sheet 8** you will create a graphical representation of your program as a preparation for the implementation. Then, in **Exercise Sheet 9** this program will be implemented accordingly, followed by a short documentation to facilitate the grading process.

Task 1

Implement the project you chose in **Exercise Sheet 8**. Therefore, create a working program based on your flowchart. Moreover, provide a live demonstration of your project as a presentation, in which you show the general operability and the most important functions (further information provided below). (**9 pts.**)

Task 2

Create a file `feedback.txt` with a brief feedback statement, which contains specific problems and issues you experienced while solving the exercise, additional requests, positive remarks and alike. Import this text file `feedback.txt` in your **C**ode **C**omposer **S**tudio (CCS) project, so that you can upload it together with your software deliverable. (**1 pt.**)

Information on the presentation of the project

You will need to present your project in a short online presentation.
Invitations on possible individuals dates will be provided to you by e-mail between January, 31st and February, 6th. It is your duty to reach out to us in case you do not receive an e-mail, e.g., due to incorrect information provided to HisInOne or your spam filter settings. Please note that you will need to do so not later than **February, 7th.** Please be aware that we reserve the right to not grade exercise 9 at all in case no presentation is given.
Please also make sure your presentation contains

- a short description of the project with an illustration of your program flow with the most important routines. You are allowed to use slides to illustrate your description/program flow. Keep in mind that we do not need a detailed description of the complete source code.
- a live-demonstration of **all** functionalities of the listed features in the project description.
- a description of one special feature of the program, e.g., a part of the source code you implemented elegantly.
- your presentation must not exceed 12 minutes **in total**. This includes both your description of the program flow and your live-demonstration of the functionalities. We reserve the right to deduct points in case your presentation takes too long.

You will also need to bear in mind that

- the qualitiy of the presentation is **adequate**. A combination of showing slides and the implementation on the board might be a good way of presenting the project. However, you are completely free on the way of presenting your project as long as you consider the aspects mentioned above. Points may be deducted otherwise.
- we reserve the right to ask further questions, e.g. on particular parts of your code, showing a particular functionality one more time, etc..