Assignment report 2016

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Title: C# coding assignment

Table of contents

Table of contents 2

Overview of tables and figures 3

1 Introduction 4

1.1 Some steps on making a good report 4

1.1.1 Use the styles in Word for headings 4

1.2 Styles 4

1.3 Disposal view 4

1.4 Footnote 5

1.5 Literature references 5

1.5.1 Harvard 5

1.5.2 Vancouver 5

1.5.3 EndNote 6

1.5.4 Additional Information 6

1.6 Tables 6

1.7 Figures 6

1.8 The rest of this template 6

2 Results 6

3 Discussion 6

4 Conclusion 6

References 6

Appendices 6

The table of contents is generated automatically using the styles ”Heading 1”, ”Heading 2”, and ”Heading 3”. Update the table of contents by right click inside the table and select ” Update field” and then ”Update the whole table”.

Introduction

In this assignment the goal is to become familiar with object-oriented programming and the version control system git. The main task in the assignment is to develop an application that simulates a DAQ. This application will simulate sensor values and these values can be written to a CSV file.

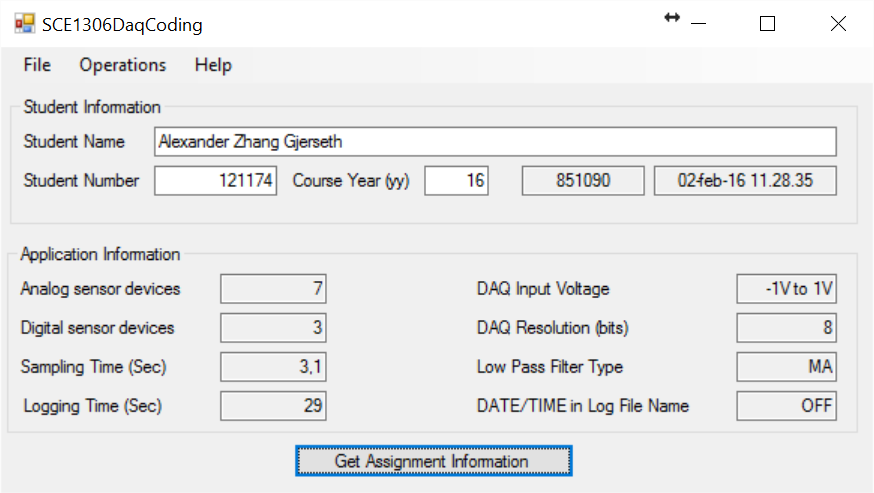


Figure 1.1 Screenshot of application with specifications for the DAQ simulator.

In Figure 1.1 the specifications for the DAQ simulator is given. The simulator is going to have 7 analog sensors with a signal between -1 and 1 volt and this signal is sampled with an 8 bit resolution. It will also have 3 digital sensors, which means a signal that is high or low. The sampling time is 3.1 seconds and logging time interval is 29 seconds.

# Results

## Exercise 1

# Discussion

Your information ..

# Conclusion

Your information ..

References

All reports should have a literature reference list, sorted alphabetically on the author. A lot of system exists on how to make a literature reference; some of these systems are Harvard, APA, and Vancouver.

For more information about Harvard, see

<http://www.hsh.no/biblioteket/studiehjelp/referanseliste.htm#eksempel>.

If you are using the EndNote application, you can choose to use Harvard, APA, or Vancouver (and other systems as well).

Here is an example of a literature reference list with 10 references in the Harvard style (Note that you should only list recerences that are used in your text):

Brekke, O. H. & T. E. Michaelsen (1992) Engineered bingeless IGG with a disulfide bond in a front of the CH2 region activates complement. Scandinavian Journal of Immunology, Vol. 36, nr. 4, s. 624.

Brinchmann, B. S. (red.) (2005) Etikk i sykepleien. Oslo, Samlaget.

Eliassen, H.W. m. fl. (2004) Fabrikken. Oslo, Spartacus.

Floor, P. (2006) *Citing sources and listing references,* Presentation at TUC*.*

Harste, J.C. & Bruke, C. (1988) Creating classrooms for authors. Portsmouth, N.H., Heineman.

Hofmann, B. (2004) Hva er sykdom? Sykepleien, nr. 4, s. 38-42  Tilgjengelig fra: <http://www.sykepleien.no/article.php?articleID=963> [lest 14.01.08]

Kristoffersen, K.E., Simonsen, H.G., & Sveen, A. (2005) Språk: en grunnbok. Oslo, Universitetsforlaget.

Luo, R.C.,Yih, C.-C.& Su, K.L. (2002), ‘Multisensor fusion and integration: Approaches, applications and future research directions’, IEEE Sensors Journal Vol. 2, No.2, pg. 107-119.

Paley, V.G. (1981) Wally’s stories : conversations in the kindergarten. Cambridge, Mass., Harvard University Press.

Ratliff, M. (2006) Prefix variation and reconstruction. I: Variation and Reconstruction, red. T.D. Cravens, s. 165-178. Amsterdam, John Benjamins.

Refsdal, O. (1996) Vil utrede nærare Russland-samarbeid : Om samarbeid med russisk sosialutdanning. Milepælen, nr 1, s. 10-11.

Sandemose, J. (2004) Flyktningen : Aksel Sandemose  -  en biografi. Oslo, Aschehoug

Appendices

Appendix can be results from experiments, drawings, diagrams, questionnaire, and so on. Large amount of data should also be located in the appendix. Remember that the task text must be part of the appendix as well.

Appendix 1: <appendix title>

Appendix 2: <appendix title>

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