define \documentname in file ./infopage.txt

define \studentname in file ./infopage.txt

define \place in file ./infopage.txt, 28 januari 2022

The information in this page is not correct, please provide the information in the document infopage.txt in the root of this TeX project.

You can find an example infopage.text file name infopage.txt-example. One approach is to copy and edit the copy, then commit to your repo.

Fontys Hogeschool Techniek en Logistiek
Postbus 141, 5900 AC Venlo

define \documentname in file ./infopage.txt

Name of student:	**define \studentname in file ./infopage.txt**
Student number:	**define \snummer in file ./infopage.txt**
Course:	**define \course in file ./infopage.txt**
Period:	**define \period in file ./infopage.txt**
Company name:	**define \CompanyName in file ./infopage.txt**
Address:	**define \CompanyAddress in file ./infopage.txt**
Postcode, City:	**define \companypostcodecity in file ./infopage.txt**
Country:	**define \companycountry in file ./infopage.txt**
Company coach:	**define \companycoach in file ./infopage.txt**
Email:	`define companycoachmail`
University coach:	**define \universitytutor in file ./infopage.txt**
Email:	`define fake@fontys.nl`
Examinator:	**define \examiner in file ./infopage.txt**
External domain expert:	**define \externalexpert in file ./infopage.txt**
Non-disclosure agreement:	**define \hasnda in file ./infopage.txt**

Preface

TODO

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Summary

TODO

Samenvatting/Zusammenfassung

TODO

Statement of Authenticity

I, the undersigned, hereby certify that I have compiled and written the attached document / piece of work and the underlying work without assistance from anyone except the specifically assigned academic supervisors and examiners. This work is solely my own, and I am solely responsible for the content, organization, and making of this document / piece of work.

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I further certify that I did not commit plagiarism, did neither take over nor paraphrase (digital or printed, translated or original) material (e.g. ideas, data, pieces of text, figures, diagrams, tables, recordings, videos, code, ...) produced by others without correct and complete citation and correct and complete reference of the source(s). I understand that this document / piece of work and the underlying work will not be accepted for evaluation or for the award of academic credits if it is determined that it embodies plagiarism.

Name: **define \studentname in file ./infopage.txt**
Student Number: **define \snummer in file ./infopage.txt**
Place/Date: **define \place in file ./infopage.txt, 28 januari 2022**

Signature:

> If you add a file called `authenticity_signature.png` to root folder of your build, that will be included as signature here, instead of this text block.

Inhoudsopgave

Lijst van figuren

Lijst van tabellen

1. Give me a meaningfull Title

This is a bachelor thesis template you can use without any configuration or weird internal dependencies. Compiles from the get-go.

Here is an example reference of a website! (**?**)

Here is an example reference of a book! (**?**)

Here is an example reference of an article! **?**

2. Lipsum

Demo text

but of course: TODO

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3. More to read

TODO

4. Design

TODO

5. Implementation

TODO

6. Conclusion

TODO

7. Recommendations

TODO

8. Mathematics to show off

Here, you see how a mathematical equation can be generated in line, for instance $f(x) = \frac{1}{1+25x^2}$. The $-symbols enclose the formula. As a so-called displayed formula, it would look like

$$f(x) = \frac{1}{1 + 25x^2}.$$

It is customary that mathematical functions are *not* set in math-italics, so LaTeX has the basic ones pre-defined; you should use the commands \cos, \exp, etc. to get $f_1(x) = \cos x$, $f_2(x) = -e^x \sin^2 x$, etc.

Here, I use some of my commands defined above: I like $\varepsilon = \varepsilon$ better than the default ϵ. A partial derivative (with 2 arguments) would be obtained as follows. If $f(x,y) = x^2 y^3$, then

$$\frac{\partial f}{\partial x} = 2xy^3, \quad \frac{\partial f}{\partial y} = 3x^2 y^2.$$

8.1. Sums and Integrals

When you say "capital sigma," you probably did not really mean Σ, but rather a summation symbol. You would get that as in

$$\sum_{i=0}^{\infty} r^i = \frac{1}{1-r} \quad \text{for all } |r| < 1.$$

Finally, we have

$$\int_0^1 \sin(2\pi x)\, dx = 0$$

and

$$\iint f(x) g(y)\, dx\, dy = \int f(x)\, dx \int g(y)\, dy.$$

Here, \, gives a small space, while \! forces things closer together; you have to work on the proper spacing for integrals, as LaTeX does not understand, what is going on.

8.2. Matrices in LaTeX

A matrix $A \in \mathbb{R}^{m \times n}$ could be defined by

$$A = \begin{pmatrix} 11 & 12 & 13 & \cdots & 1n \\ 21 & 22 & 23 & \cdots & 2n \\ \vdots & \vdots & \vdots & \ddots & \vdots \\ m1 & m2 & m3 & \cdots & mn \end{pmatrix}$$

Here, the word dots in the commands stands for an ellipsis (i.e., three dots) placed horizontally in the centre (\cdots), vertically (\vdots), or diagonally (\ddots); what is not mentioned is \ldots for horizontal dots at the baseline. Use the baseline or central version as appropriate, for instance

$$a_1, a_2, \ldots, a_n \quad \text{and not} \quad a_1, a_2, \cdots, a_n,$$
$$a_1 + a_2 + \cdots + a_n \quad \text{and not} \quad a_1 + a_2 + \ldots + a_n,$$

Some more comments on the matrix are needed, I suppose: The \left(and \right) create the variable-sized parentheses around the actual array of terms. You can also use \left[and \right], or \left\{ and \right\} in other situations. The actual array arrangement is organised by the array environment; you need the arguments ccccc to indicate that there are five columns and you want the entries centered ("c"), other options are left ("l") and right ("r"). Notice how & separate columns and \\ the rows.

Here is another matrix example. A matrix multiply used with 3D graphics:

$$\begin{bmatrix} R_{11} & R_{12} & R_{13} & 0 \\ R_{21} & R_{22} & R_{23} & 0 \\ R_{31} & R_{32} & R_{33} & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix} \cdot \begin{bmatrix} 1 & 0 & 0 & X \\ 0 & 1 & 0 & Y \\ 0 & 0 & 1 & Z \\ 0 & 0 & 0 & 1 \end{bmatrix} = \begin{bmatrix} R_{11} & R_{12} & R_{13} & T_x \\ R_{21} & R_{22} & R_{23} & T_y \\ R_{31} & R_{32} & R_{33} & T_z \\ 0 & 0 & 0 & 1 \end{bmatrix}$$

Self Reflection

Here you can write your self reflection. You can use the table below to indicate the learning goals/competences.

	Manage	Analyse	Advice	Design	Implement	Professional Behaviour	Research Skills
User-Interface							
Business Processes							
Infrastructure							
Software							
Hardware Interfacing							
Professional Skills							

Tabel 8.1.: Project Skills Level

Referenties

Bijlage

A. Title of appendix A

bla bla

B. Title of appendix B

bla bla