

# L<sup>A</sup>T<sub>E</sub>X Template User Guide

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Feb. 28 / Mar. 1, 2023

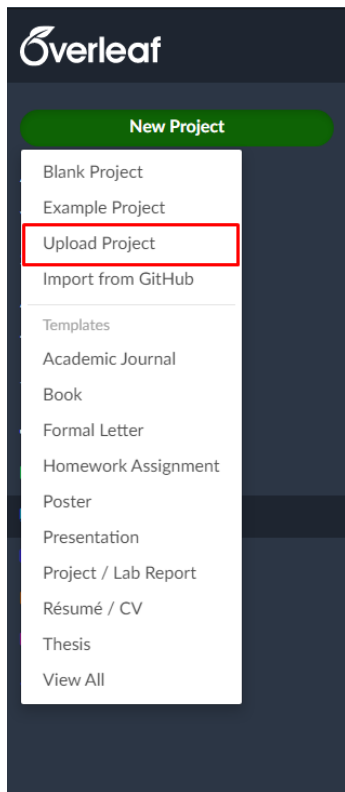
## Acknowledgements

Credit goes to Melanie Spindler for creating the original L<sup>A</sup>T<sub>E</sub>X template and running the workshop for many years. The original document can be found at her GitHub at:

<https://github.com/SpindM/LaTeXMastersThesis>

Big thanks to Melanie for allowing me to re-use, edit, and distribute the template for my workshop. Also bis thanks to Mrs. Bleichner from the institute for the opportunity to run the workshop this year.

## 1 Importing the template



1. If you haven't already, sign up for course 6.02.002: LaTeX on Stud.IP.
2. Download the provided .zip file from the files section on Stud.IP.
3. In Overleaf, click on "New Project", then "Upload Project" (see graphic on the left).
4. Once prompted, select the downloaded .zip file and wait for Overleaf to finish importing.

## 2 Contents of the template

The template should load with the following files and folders:

- **Appendix** folder: stores all documents that should go into the appendix. This pdf should be the only thing in the appendix folder upon opening for the first time.
- **Chapters** folder: stores all .tex files where most of the document will be written in. This folder is mainly to prevent everything to be shoved into one .tex file which will eventually become too large and cluttered to read through. Instead, write the individual parts of the thesis in separate .tex files which are then loaded into the main file. The template should come with the following files:
  - **Abstract\_ger.tex**: abstract written in German.
  - **Abstract.tex**: abstract written in English.
  - **Discussion.tex**: conclusion, discussion and outlook.
  - **Glossary.tex**: contains your acronyms as well as descriptions of them.
  - **Introduction.tex**: introduction.
  - **Methods.tex**: methodology chapter.
  - **Results.tex**: results and discussion of results.
  - **Supplement.tex**: appendix.

Please note that this structure is by no means final. You can always add new chapters by creating new .tex files and adding them to the main document with `\input{chapters/[NAME OF FILE].tex}`.

- **Pictures** folder: stores all images that you want to use throughout the document. Comes pre-loaded with two images, a placeholder image and the university logo (do NOT remove the latter).
- **Bibliography.bib**: file that contains all references for the biblatex package to function. Add or edit your references in here.
- **Thesis.tex**: this is your main document that you will **compile**. All images, chapters, etc. need to run through here to make it into the final document.
- **Titlepage.tex**: the titlepage (editable parts are annotated).

### 3 Compiling the document

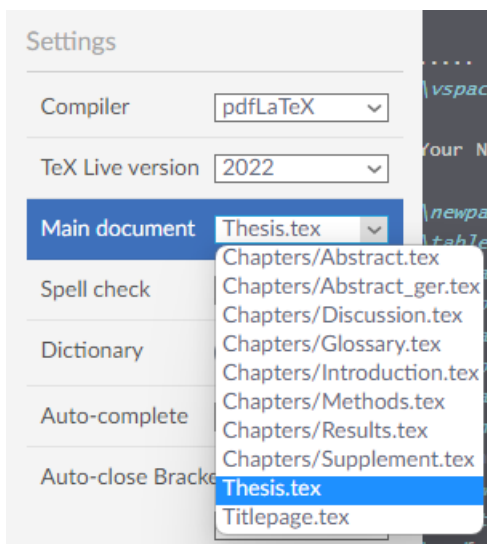
In order for Overleaf to display your current document as a pdf, you need to **compile** your code. This is done with the Recompile button just above the displayed pdf:



Before recompiling, Overleaf needs to know which .tex file you want it to recompile. For this to work, a main document needs to be set. To do so, open Overleaf's menu by clicking on the appropriate icon in the top left corner.



Now, find the "Main document" option and set it to **Thesis.tex**. This way, Overleaf will always compile this specific file, even when you are editing other .tex files.



### 4 Questions?

If you have any questions left, Google is the most trusted ally of L<sup>A</sup>T<sub>E</sub>X users. Many websites cover all sorts of topics, a simple query such as "line spacing latex" or "page formatting latex" usually yields a bunch of results. I want to especially highlight the LaTeX stackexchange website at

<https://tex.stackexchange.com/>

which is basically a large forum for LaTeX problems. Finally, you are also free to contact me via E-Mail any time. I might take some time to respond depending on my current workload, but I will always try to answer all questions.