**Bachelor Thesis**

**Frameworkagnostic Design Systems**

**What restrictions do Web Components impose on an Angular & Tailwind Design System?**

Submitted in partial fulfilment of the requirements for the degree of:

Bachelor of Science in Computer Science

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# Abstract / Management Summary

# Introduction

Your text, your text

## [Subtitle]

Your text, your text

### [Second order subtitle]

Your text, your text

## [Subtitle]

Your text, your text (Last name, year of publication, p. XY)

Please note our rules for correct citation, which are laid down in the guidelines for citing and referencing.

# Theory

## Tailwind

<https://jordanbrennan.hashnode.dev/8-ways-to-style-the-shadow-dom>

4 Ways to have external styles

1. Inherited Styles (e.g. css variables), watch out for all:initial
2. :root properties
3. ::part 
4. Global Stylesheet imports via @import

<https://medium.com/@yesmeno/css-resets-and-global-styles-in-web-components-c71fcea86dbd> Rollup Import

### Approach Load global tailwind into different web-components

## Environment

* Storybook hot reloading does not work
  + Web Components are loaded, but cannot be unloaded thus the page needs to be refreshed
* Syntax Highlighting
  + Works as it’s also typescript
  + Disables template checking when using CUSTOM\_ELEMENTS\_SCHEMA
* Typing
  + <https://github.com/angular/angular/issues/12045>

# Method

This chapter is necessary for empirical studies.

# Analysis / Results / Findings

# Conclusion

# References

Please note our rules for correct citation, which are laid down in the guidelines for citing and referencing.

# List of Figures & Tables

## Figures

## Tables

# Appendix

If necessary, Appendix with additional information and materials. If there are several appendices, these can be titled either with Appendix A, Appendix B etc. or with Appendix I, Appendix II etc. and each with a content description.

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