

Electronic Theses& Dissertations Validator

Patrick, Marnie, Silas



OUR CLIENT

MSU Graduate School is the governing body of the graduate program here at Montana State University. The Graduate School handles admission, advocacy, and manages the thesis/dissertation programs for those coming to MSU for graduate school.



ABOUT THE PROJECT

Before having their thesis or dissertation accepted and uploaded to the ScholarWorks repository, MSU graduate students must ensure that their documents are properly formatted. Currently, this process is done manually by the graduate school's formatting advisor. In turn, our project aimed to automate this process of validating the formatting of these documents.

PROJECT GOALS



USABLE

We wanted to create an easy-to-use interface that requires little explanation.



EXPANDIBLE

We strived to write reusable, explicit code that can easily be expanded and revised in the future.



EXHAUSTIVE

By thoroughly covering every rule in the ETD guideline and ensuring the entire document gets checked we aimed to limit work required on the user end.

ADDRESSING THE PROBLEM

- Choosing a File Type
 - o PDF
 - LATEX
 - Word Doc (.docx)

- What to Validate
 - Margins
 - Fonts
 - Color
 - Quotations
 - Page Numbers
 - Body Matter
 - Back Reference Matter
 - o Tables, Figures, & Illustrations

TECH STACK



Framework: .NET Core MVC



Languages: C#, JS/HTML/CSS



.docx Library: OpenXML





Hosting: Heroku

A LIVE DEMO

ETDVAlidator Home Uploader

Welcome to the Dissertation Validator

This site is for electronic validation of disserations in accordence with the formatting guidelines given by Montana State University graduate school. While relatively complete, your formatting advisor will also need to approve your document. More on these formatting guidelines here.

To submit your document please go to the Uploader Tab.

Privacy Notice: No logging of document data is stored for future reference

You can also visit our Github page to contribute or make suggestions

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A screenshot taken from website hosted on heroku

THANKS!

Any questions?