Guide for thesisdteti Class File

Introduction to LaTeX

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Introduction

What is LaTeX?

- LaTeX is a document preparation system that allows users to create professional-looking documents with high-quality typography.

Why using LaTeX?

- Plain text file
- Separates content from formatting
- Great support for mathematical equation and symbols

Where to Learn?

- Learn LaTeX in 30 minutes by Overleaf here.
- Learn LaTeX by learnlatex.org here.

Getting Started

Minimal Working Example

Create a new project in Overleaf here, and type:

```
\documentclass{report}
\renewcommand{\thesection}{\arabic{section}}

\title{Minimal Working Example}
\author{Muhammad Yasirroni}
\date{\today}

\begin{document}
\maketitle

\section{Introduction}
\subsection{Background}
Hello world! This is a simple example!

\subsection{Conclusion}
See you!

\end{document}
```

Document Structure

- Creating sections and subsections.
- Adding figures and tables.
- Creating a bibliography.

Formatting

- Different font styles and sizes.
- Creating lists (ordered and unordered).
- Adding footnotes and endnotes.
- Creating mathematical equations and symbols.

Customization

- Changing the document class and layout.
- Using packages to add additional functionality.
- Creating custom commands and environments.

Conclusion

- Summary of the main points of the lecture.
- Additional resources for learning LaTeX.
- Encouragement to practice and experiment with LaTeX.