NoteWorthy User Guide

Table of Contents

NoteWorthy User Guide *1*

Table of Contents ..... Error! Bookmark not defined.

1. Introduction *3*

2. Getting Started *3*

2.1 System Requirements 3

2.2 Installation 3

2.3 Launching the Application 3

3. Main Features Overview *4*

3.1 Writing and Editing Notes 4

3.2 Code Blocks 4

3.3 LaTeX Math Integration 4

3.4 Folder and File Organization 4

3.5 Saving, Loading, and Auto-saving Files 4

4. Using NoteWorthy *5*

4.1 Creating a New File 5

4.2 Opening an Existing File 5

4.3 Editing Text 5

4.4 Inserting a LaTeX Equation 5

4.5 Inserting a Code Block 5

4.6 Inserting an Image 5

4.7 Formatting Text 5

4.8 Organizing Files and Folders 6

4.9 Renaming Files or Folders 6

5. Menu Bar Reference *6*

6. Tips for Best Use *6*

7. Troubleshooting *7*

1. Introduction

NoteWorthy is a lightweight, offline-first note-taking application designed specifically for STEM students and technical professionals. It supports Markdown formatting, LaTeX for mathematical equations, syntax-highlighted code blocks, and file organization through a familiar folder structure.

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2. Getting Started

2.1 System Requirements

- **Operating Systems**: Windows, macOS, Linux (any system that runs Java)
- **Software Requirements**: Java Virtual Machine (JVM) installed
- **Hardware Requirements**: Functional mouse and keyboard

2.2 Installation

1. Download the NoteWorthy installation package.
2. Ensure Java is installed.
3. Run the installer and follow on-screen instructions.

2.3 Launching the Application

- Double-click the NoteWorthy icon.
- On first launch, you will be directed to your **Workspace** where your files will appear.

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3. Main Features Overview

3.1 Writing and Editing Notes

- Simple, fast text input.
- Markdown syntax supported (headings, lists, formatting).

3.2 Code Blocks

- Supports multiple languages (Java, Python, C++, etc.).
- Syntax highlighting within code blocks.

3.3 LaTeX Math Integration

- Insert complex mathematical equations seamlessly.

3.4 Folder and File Organization

- Drag and drop folders and files.
- Create tabs for simultaneous file management.

3.5 Saving, Loading, and Auto-saving Files

- Manual Save (File > Save) and Auto-Save every 5 minutes.
- Save as .txt or .md.

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4. Using NoteWorthy

4.1 Creating a New File

- Click **File > New File**.
- Enter a name and select format (.txt or .md).
- Start editing immediately.

4.2 Opening an Existing File

- Click **File > Open File**.
- Browse and select a .txt or .md file.

4.3 Editing Text

- Start typing.
- Use formatting toolbar for bold, italic, and highlights.

4.4 Inserting a LaTeX Equation

- Use Insert > Equation.
- Type equation inside the prompt.
- Insert rendered output into your note.

4.5 Inserting a Code Block

- Type triple backticks ``` to start and end a block.
- Alternatively, use Insert > Code Block.

4.6 Inserting an Image

- Use Insert > Image.
- Select .jpg or .png file from file explorer.

4.7 Formatting Text

- Highlight text.
- Use the toolbar to Bold, Italicize, Underline or Highlight.

4.7 Render Text

- Use View > Render.

4.8 Organizing Files and Folders

- Drag folders/files to rearrange.
- Click the + sign in folder view to create new folders.

4.9 Renaming Files or Folders

- Double-click the folder or file name.
- Enter a new name and press **Save**.

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5. Menu Bar Reference

- **File**
  - New File
  - Open File
  - Save
  - Save As
  - Quit
- **Format**
  - Bold
  - Italic
  - Underline
  - Highlight
- **View**
  - Render
- **Insert**
  - Insert Plain Text
  - Insert LaTeX Equation
  - Insert Code Block
  - Insert Image

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6. Tips for Best Use

- **Use Markdown** for quick organization (headings, lists).
- **Save in Markdown (.md)** if you want to keep formatting.
- **Use folders** to separate class notes, projects, and tasks.
- **Take advantage of Auto-save** to protect against unexpected shutdowns.

7. Troubleshooting

Issue	Solution
App doesn't launch	Make sure Java is installed and updated.
File not opening	Confirm it's a .txt or .md file.
Auto-save not working	Check Auto-save settings in Preferences.
LaTeX equations not rendering	Ensure correct LaTeX syntax; reinstall if issue persists.

Possible Additions

Suggestion	Description	Where to Place
Customization Settings	Let users know if they can customize themes (e.g., dark mode, font size). Mention FlatLaf support.	Add as a Section under “Main Features Overview” (maybe **3.6 Customization Settings**).
Backup & Recovery Information	Explain that auto-save creates backups, and how users can restore them.	Add in “Troubleshooting” section or a short new subsection “7.1 Recovering Unsaved Work”.
Supported Markdown Commands	List basic markdown commands (headings, lists, links, images).	Add a reference chart either as an appendix or a new “Markdown Reference” in the “Main Features Overview”.
FAQ Section	Cover common user concerns: “Can I export to PDF?”, “Does it support tables in Markdown?”	After Troubleshooting, as Section **8 FAQ**.
Error Messages List	Include common error messages (e.g., File Not Found, Unsupported File Type) and their resolutions.	Add at the bottom of the Troubleshooting table.