

# NoteWorthy User Guide

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# 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, or Highlight.

## 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
  - **Insert**
    - Insert Plain Text
    - Insert LaTeX Equation
    - Insert Code Block
    - Insert Image
  - **Format**
    - Bold
    - Italic
    - Highlight
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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.

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# Possible Additions

Suggestion	Description	Where to Place
<b>Customization Settings</b>	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 <b>3.6 Customization Settings</b> ).
<b>Keyboard Shortcuts</b>	Quick save (Ctrl+S), open (Ctrl+O), bold (Ctrl+B), etc. Great for power users.	Add a small table under “Tips for Best Use” or new Section <b>6.1 Keyboard Shortcuts</b> .
<b>Backup &amp; Recovery Information</b>	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”.
<b>Supported Markdown Commands</b>	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”.
<b>FAQ Section</b>	Cover common user concerns: “Can I export to PDF?”, “Does it support tables in Markdown?”	After Troubleshooting, as Section <b>8 FAQ</b> .
<b>Error Messages List</b>	Include common error messages (e.g., File Not Found, Unsupported File Type) and their resolutions.	Add at the bottom of the Troubleshooting table.