**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.

# **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.

# **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.

# **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**.

# **5. Menu Bar Reference**

* **File**
  + New File
  + Open File
  + Save
  + Save As
  + Quit
* **Format**
  + Bold
  + Italic
  + Underline
  + LaTeX
  + Code
  + Insert Image
* **View**
  + Render
* **Code**
  + Java
  + JavaScript

# **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. |
|  |  |

# **8. Shortcuts**

* New File ^N
* Open File ^O
* Save ^S
* Quit ^S
* Bold ^B
* Italic ^I
* Underline ^U
* LaTeX ^E
* Code ^T
* Render ^R