ChatGPT

SystemMonitor - README

📦 Requirements

- .NET Framework 4.8
- Visual Studio 2019 or later
- Reference DLLs:
- OpenHardwareMonitorLib.dll
- Newtonsoft.Json.dll

Place the DLLs in a `lib` folder inside the project directory.

Project Structure

- `Program.cs` — App entry point
- `MainForm.cs` — Rounded widget UI and sensor display
- `SettingsForm.cs` — Toggle sensors and customize colors
- `AppConfig.cs` — Load/save JSON settings
- `Resources/` — Icons:
- `IntelCPU.png`
- `IntelGPU.png`
- `GSkillRAM.png`

⚙ Configuration

A config file is auto-generated at runtime in the app directory:

```
config.json
```

Contains: - Enabled/disabled elements - Color selection (graph and text)

How to Build & Run

1. Open the solution in Visual Studio
2. Add `OpenHardwareMonitorLib.dll` and `Newtonsoft.Json.dll` to the project references (right-click → Add Reference)
3. Add icons into a `Resources` folder and embed them in the project
4. Build the solution
5. Run `SystemMonitor.exe` from `bin/Release`

Notes

- If no config exists at startup, it will be created with all widgets enabled and default colors:
- Graphs: Green

• Text: White
• Numbers: Green
• The window auto-sizes itself based on active items

Built to mimic OpenHardwareMonitor's widget appearance and behavior. Fully dynamic and minimal.

Enjoy!