README

**CodexRay - System Monitoring and Alerting App**

**Overview**: This project helps you watch CPU and memory usage on your computer or server. It shows live charts and sends alerts if usage is too high. You can also analyze log files and see alert history.

**How to Run**

* Install dependencies with `pip install -r requirements.txt`
* Run the app: `python run.py`
* Open browser at `http://localhost:5000`

**Features**

* Real-time CPU and memory monitoring
* Threshold-based alerts saved in a database
* Log file analysis for errors and warnings
* Interactive web dashboard to view metrics and alerts

**Notes**

* This app is made in Python using Flask and SQLite.
* Created to help beginners learn how to build monitoring tools.