**📁 Project Structure**

📁Friday!!/

├── main.py # Entry point to run Friday

├── requirements.txt # Python dependencies

├── README.md # Project documentation

├── commands.txt # List of supported voice commands

├── wifi\_profile.xml # Wi-Fi network profile for auto-connect

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├──📁resources/

│ └──📁images/

│ └──📁friday\_face/

│ ├── friday\_1.png # UI face variant

│ ├── friday\_2.png

│ ├── friday\_3.png

│ ├── friday\_4.png

│ └── friday\_face\_image.jpg

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└──📁src/

├──📁core/

│ ├── \_\_init\_\_.py

│ ├── voice.py # Voice recognition, TTS, wake word

│ ├── animation.py # Animations or visual/audio feedback

│ └── command.py # Core-level command logic

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├──📁features/

│ ├── \_\_init\_\_.py

│ ├── application.py # Launch apps and open URLs

│ ├── files.py # File/folder management

│ ├── media.py # Music control: local + Spotify

│ ├── notes.py # Save voice notes

│ ├── system.py # Brightness, volume, system actions

│ ├── timer.py # Timer/stopwatch

│ ├── whatsapp.py # WhatsApp automation

│ └── weather.py # Get weather info via API

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└──📁utils/

├── \_\_init\_\_.py

├── wifi\_utils.py # Scan/connect Wi-Fi (Windows)

└── screen\_utils.py # Screen resolution & display helpers

**✅ Voice Commands – Friday Assistant**

| **Category** | **Command** | **Description** |
| --- | --- | --- |
| **File Operations** | search file | Searches for a specified file after prompting the user for the file name. |
|  | copy file | Copies a specified file after prompting for the file name and destination. |
|  | move file | Moves a specified file after prompting for the file name and destination. |
|  | delete file | Deletes a specified file after confirmation. |
|  | open file | Opens a specified file. |
|  | find file | Searches for a specified file. |
|  | find my file | Searches for a specified file. |
| **Music Control** | play music | Plays a random music file from the designated folder. |
|  | pause music | Pauses the currently playing music. |
|  | resume music | Resumes the paused music. |
|  | stop music | Stops the currently playing music. |
|  | change music | Plays a new random song. |
|  | next song | Plays the next song randomly. |
|  | play on spotify | Opens Spotify and starts playback. |
|  | pause spotify | Pauses Spotify playback. |
|  | resume spotify | Resumes Spotify playback. |
|  | next spotify track | Skips to the next Spotify track. |
|  | previous spotify track | Goes to the previous Spotify track. |
| **Calculations & Time** | calculate | Prompts for a mathematical expression to evaluate. |
|  | start timer | Starts a timer for a user-specified duration. |
|  | stop timer | Stops the running timer. |
|  | start stopwatch | Starts the stopwatch. |
|  | stop stopwatch | Stops the stopwatch. |
|  | reset stopwatch | Resets the stopwatch to zero. |
| **System Info** | system status | Provides CPU, memory, and disk usage. |
|  | cpu status | Provides current CPU usage. |
|  | memory status | Shows memory usage details. |
|  | disk status | Shows disk usage of all partitions. |
|  | battery | Reports battery level and status. |
| **Weather Updates** | weather | Prompts for a city and provides weather info. |
| **System Controls** | shutdown system | Initiates system shutdown. |
|  | restart system | Initiates system restart. |
|  | lock system | Locks the system. |
|  | hibernate system | Enters hibernate mode. |
|  | put system to sleep | Puts system to sleep. |
| **Connectivity** | toggle wifi | Turns Wi-Fi on or off. |
|  | connect to wifi | Prompts to choose and connect to Wi-Fi. |
|  | toggle bluetooth | Turns Bluetooth on or off. |
|  | toggle hotspot | Turns mobile hotspot on or off. |
|  | toggle airplane mode | Toggles airplane mode. |
|  | open accessibility settings | Opens Accessibility settings. |
|  | open projection settings | Opens Projection menu. |
|  | open cast settings | Opens Cast menu. |
| **App/File Opening** | open [app\_name] | Opens specified application. |
|  | send message on whatsapp | Sends a WhatsApp message via desktop. |
| **App/Window Management** | close current window | Closes current window. |
|  | close recent window | Closes most recent window. |
|  | close [app\_name] | Closes specified app. |
| **Volume/Brightness** | adjust volume | Prompts to increase or decrease volume. |
|  | adjust brightness | Prompts to change brightness level. |
| **Screenshots & Recording** | take screenshot | Takes screenshot of current screen. |
|  | start screen recording | Starts screen recording. |
|  | stop screen recording | Stops screen recording. |
|  | list screen recordings | (Planned feature – lists recordings). |
|  | delete screen recording | (Planned – deletes screen recording). |
| **Time & Date** | check current time | States current time. |
|  | check current date | States current date. |
| **Notes** | create note | Creates a note with title and content. |
|  | add to note | Adds content to an existing note. |
|  | read note | Reads a note aloud. |
|  | list notes | Lists all note titles. |
|  | delete note | Deletes a specified note. |
| **Assistant Control** | friday | Activates Friday. |
|  | list available commands | Shows Friday's features. |
|  | what is your name | Tells assistant’s name. |
|  | how are you | Responds with assistant status. |
|  | exit | Exits Friday. |
|  | quit | Exits Friday. |