Audio-to-Text Prescription

Overview

Audio-to-Text Prescription is a Python-based tool designed to convert audio input (such as a doctor's spoken prescription) into a structured text prescription. This can help digitize medical prescriptions, improve record-keeping, and streamline the workflow for healthcare professionals.

Features

- Converts audio prescriptions to text
- Structured output for easy integration with other systems
- Simple command-line interface

Requirements

See requirements.txt for a full list of dependencies.

Installation

1. Clone the repository:

   ```
   git clone https://github.com/yourusername/Audio-to-text-presciption.git
   cd Audio-to-text-presciption
   ```

2. Install dependencies:

   ```
   pip install -r requirements.txt
   ```

Usage

1. Place your audio file (e.g., `prescription.wav`) in the project directory.

2. Run the script:

   ```
   python prescription.py --audio_file prescription.wav
   ```

   (Adjust the command as per the actual script interface.)

3. The output will be a text file or printed to the console, containing the transcribed prescription.

Configuration

- You may need to adjust the script to match your audio file format or language.
- For advanced configuration, refer to comments in `prescription.py`.

Dataflow & Workflow

See DATAFLOW.md for a detailed explanation of the dataflow and workflow.

Contributing

Pull requests are welcome. For major changes, please open an issue first to discuss what you would like to change.

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