User Manual for DiseasesEaseAI

Welcome to **DiseasesEaseAI**! This application assists healthcare professionals in recording, transcribing, and analyzing patient consultations to predict potential diseases using AI.

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1. System Requirements

Hardware

- **Processor**: Intel i5 or equivalent (minimum), i7 or equivalent (recommended)
- **RAM**: 4 GB (minimum), 8 GB (recommended)
- **Disk Space**: 500 MB
- **Microphone**: Required for audio recording.

Software

- **Operating System**:
  - Windows 10 or higher
- **Python 3.7 or later** installed (for developers).

2. Installation and Setup

Pre-Packaged `.exe` File

1. **Download the Application**:
   a. Locate the `DiseasesEaseAI.exe` file from the provided link or directory.
2. **Run the Application**:
   a. Double-click the `DiseasesEaseAI.exe` file to launch the application.

For Developers

1. **Clone the Repository**:
   - git clone https://github.com/DiseaseEaseyAI/diseaseAi.git

2. **Install Dependencies**:
   - pip install -r requirements.txt

3. Run the Application
   - python ui_main.py

3. How to Use the Application

Launching the Application

1. Double-click the DiseasesEaseAI.exe file or run ui_main.py from your terminal.
2. The main dashboard will appear.

Creating a New Session

1. Click **New Session** in the sidebar.
2. A new session will appear in the session list.
3. The chat area will update to reflect the active session.

Recording a Consultation

1. Click the **Record** button at the bottom-right of the chat area.
2. Speak into your microphone. The recording status will be displayed.
3. Click **Stop** to end the recording. The audio will automatically transcribe into text.

Analyzing a Session

1. After transcription, click **Analyze**.
2. The AI model will predict potential diseases based on the transcription.
3. Results will appear in the chat area.

Accessing Session Data

1. Select a session from the sidebar to view its transcription and analysis.
2. Use the **Open Session Folder** button to access files directly.

Deleting a Session

1. Select the session from the sidebar.
2. Click **Delete Session**.

4. Application Features

Dark Mode UI

- Clean, modern design with customizable colors.
- Configuration stored in ./ui/styles/colors.json.

Session Management

- Create, delete, and manage multiple sessions.

Audio Recording and Transcription

- Record consultations directly.
- Automatically transcribe audio to text.

Disease Prediction

- Uses AI to predict diseases based on consultation data.

Export and Access

- Save and open session folders for review.

Cross-Platform Compatibility

- Runs on Windows, macOS, and Linux.