AI Todo App

# 📘 User & Developer Documentation

## 1. 👤 User Guide

The AI Todo App is a simple, intelligent to-do list manager with translation features. Here's how users can interact with the app:

• Add Task: Type a task in the input box and click 'Add' to include it in the list.  
• Mark Complete: Use the checkbox next to each task to mark it as done.  
• Translate Task: Select a language from the dropdown and click 'Translate' beside the task or use 'Translate All' to translate all tasks.  
• View Task Stats: See the number of tasks completed, pending, and the total count in a summary section.

## 2. 💻 Developer Guide

This guide is for developers who wish to understand or extend the codebase.

• Streamlit Framework: The app is built with Streamlit for fast UI development.  
• Session State: Uses `st.session\_state` to store the to-do list and preserve it across interactions.  
• Translation: Integrates with MyMemory Translation API via `requests.get()` to fetch translated text.  
• Styling: Custom CSS injected using `st.markdown()` to apply a purple-blue gradient theme.  
• File Structure:  
 - todo\_app.py: Main application script.  
 - README.md / PRD.docx: Documentation for deployment and feature explanation.

## 3. ⚙️ Requirements

• Python 3.x  
• Streamlit (`pip install streamlit`)  
• Requests (`pip install requests`)  
• Internet connection (for API calls)

## 4. 🚀 How to Run

1. Clone the repository from GitHub:  
 git clone https://github.com/Priti2805/ai-todo-streamlit  
  
2. Navigate to the project folder:  
 cd ai-todo-streamlit  
  
3. Install dependencies:  
 pip install streamlit requests  
  
4. Run the app:  
 streamlit run todo\_app.py

## 5. 🛠️ Customization Ideas

• Add database support to persist tasks permanently.  
• Support user authentication and separate user sessions.  
• Add due dates or priorities to tasks.  
• Use OpenAI for smarter task classification or summarization.