

AI Todo App – User & Developer Documentation

1. Introduction

The AI Todo App helps users manage their tasks with the help of AI-powered translation. This document serves both users and developers by explaining app usage, features, and implementation.

2. User Guide

2.1 Add Task

- Enter a task in the input box and click 'Add Task'. The task will appear in the list below.

2.2 Mark Complete

- Click the checkbox next to a task to mark it as completed.

2.3 Translate Task

- Select a language from the dropdown and click 'Translate Tasks'.
- If the task has a predefined translation, it will use that.
- If not, the app will use the OpenAI GPT API to generate a translation.

3. Developer Guide

3.1 Technologies Used

- Python
- Streamlit
- OpenAI GPT-4o API
- Vercel (for deployment)

3.2 Key Files

- app.py – main application logic

- requirements.txt – project dependencies
- .env – API keys
- vercel.json – deployment configuration
- README.md – project overview

3.3 Local Setup

1. Clone the repository.
2. Create a virtual environment: `python3 -m venv .venv && source .venv/bin/activate`
3. Install dependencies: `pip install -r requirements.txt`
4. Add your OpenAI API key in a `.env` file.`
5. Run locally: `streamlit run app.py`

3.4 Deployment

- Install Vercel CLI: `npm install -g vercel`
- Run: `vercel --prod`
- Ensure environment variables are set in Vercel dashboard.