

User Guide: Streamlit To-Do List Application

This document will guide you through the features and usage of your simple yet powerful To-Do List application.

1. Introduction

Welcome to your personal To-Do List app! This application helps you organize your tasks, track their status, and even translate them into various languages. Your tasks are saved automatically, so you don't have to worry about losing them.

2. Getting Started

Once the application is running (your administrator or developer will provide the link or instructions to launch it, typically via `streamlit run app.py`), it will open in your web browser.

You will see the main title "Simple To-Do List" at the top, followed by sections for adding new tasks and viewing your existing tasks.

3. Application Layout

The app is divided into a few key areas:

- **Main Area:** This is where you will add new tasks and view your existing "Pending Tasks" and "Completed Tasks."
- **Sidebar (Translation Settings):** On the left side of your screen, you'll find a sidebar specifically for language selection for the translation feature.

4. How to Use the App

4.1. Adding a New To-Do

1. **Locate the "Add New To-Do" Section:** This section is at the top of the main area.
2. **Title:** Enter a concise name for your task in the "Title" input box. This is a required field.
3. **Description (Optional):** Provide more details about your task in the "Description" text area.
4. **Priority (Optional):** Choose a priority level from the dropdown: "None", "Low", "Medium", or "High".
5. **Due Date (Optional):** Click on the calendar icon to select a due date for your task.
6. **Add To-Do:** Click the "Add To-Do" button.

A success message will appear, and your new task will be added to the "Pending Tasks" list below.

4.2. Managing Your To-Do List

Your tasks are organized into two main lists: "Pending Tasks" and "Completed Tasks."

4.2.1. Pending Tasks

This section displays all tasks that you have not yet marked as complete. Each task will show its title, description, priority, and due date (if provided).

For each pending task, you have the following options:

- **Mark Completed:** Click the "Mark Completed" button next to a task to move it to the "Completed Tasks" section.
- **Translate to [Selected Language]:**
 - First, select your desired translation language from the "Translation Settings" in the sidebar.
 - Then, click this button next to the task. The translated text will appear directly below the original task details.
- **Delete:** Click the "Delete" button to permanently remove the task from your list. **(Caution: This action cannot be undone!)**

4.2.2. Completed Tasks

This section shows all tasks that you have marked as complete. Completed tasks are typically displayed with a strikethrough to indicate their finished status.

For each completed task, you have the following option:

- **Delete:** Click the "Delete" button to permanently remove the task from your list. **(Caution: This action cannot be undone!)**

4.3. Using the Translation Feature

The translation feature is powered by Google's Gemini AI.

1. **Select Target Language:** Go to the "Translation Settings" in the sidebar on the left.
2. From the "Translate to:" dropdown, select the language you want your tasks to be translated into (e.g., Spanish, French, Hindi).
3. **Translate Task:** In the "Pending Tasks" section, click the "Translate to [Selected Language]" button next to the specific task you wish to translate.
4. The translated version of the task's title and description will appear directly within the task's display area.

5. Important Notes

- **Data Persistence:** Your tasks are saved locally on your computer (in a file named `sql_app.db`). This means your data will persist even if you close and reopen the application.

- **API Key:** The translation feature requires an active Google Gemini API key. If translations are not working, please contact the developer or ensure your API key is correctly configured.
- **Single File App:** This application runs as a single file, which makes it easy to manage.

We hope you find this To-Do List application useful for organizing your daily life!