Project Document

To Do App

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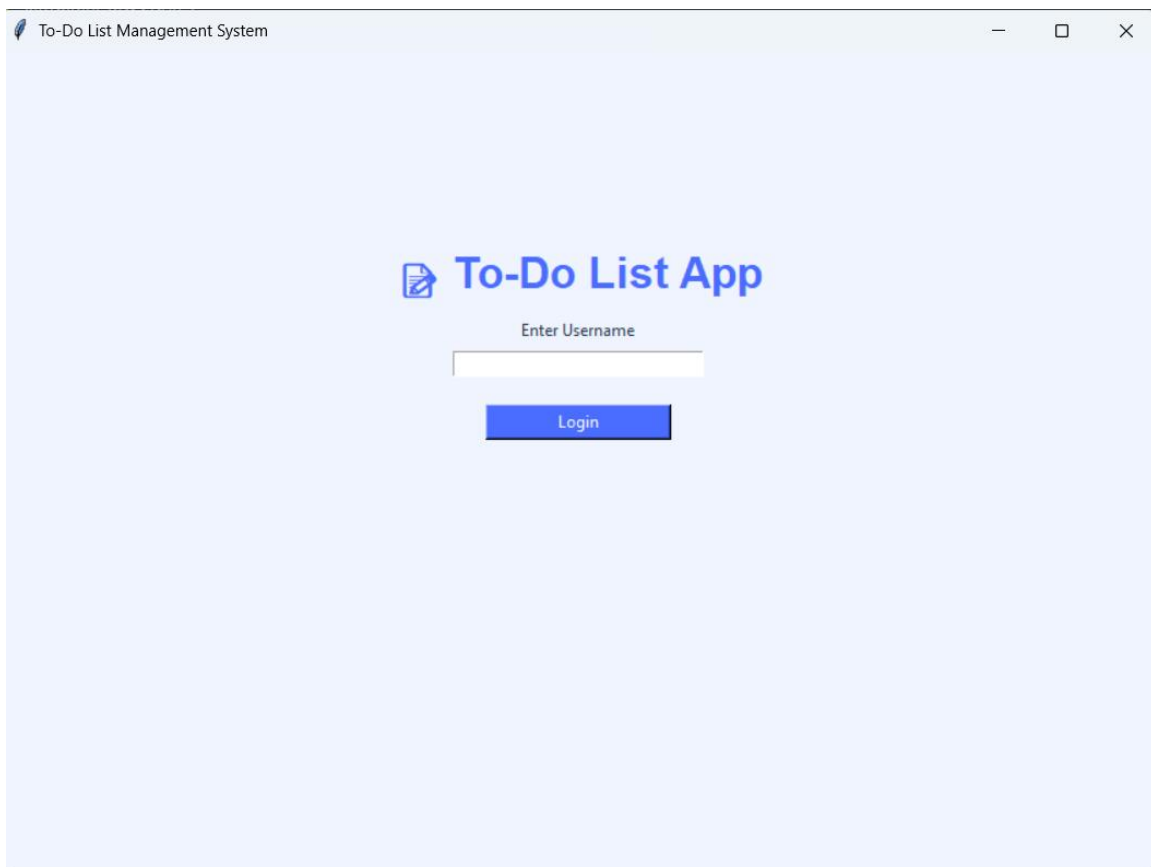# Contents

1. Features of the To-Do List Management System

• User Login system to access personal tasks
• Add new tasks with priority, due date, and category
• Edit existing tasks
• Delete tasks
• Mark tasks as completed
• View all tasks with full details
• Automatic saving of tasks to file (JSON)
• Load tasks automatically on application startup
• Simple and user-friendly interface (Tkinter GUI)

2. Screenshots

2.1 Login Screen

2.2 Task Screen

3. Problems Faced and Solutions

Problem 1: Tasks were not saving after closing the application.
Solution: Implemented JSON/SQLite storage to save tasks permanently.

Problem 2: Difficulty in updating existing tasks.
Solution: Used unique task indexes to identify and update selected tasks.

Problem 3: Invalid user input (empty task names or wrong dates).
Solution: Added input validation to prevent incorrect entries.

Problem 4: UI was confusing at the beginning.
Solution: Simplified layout and added clear button labels.

Problem 5: Task status not updating correctly.
Solution: Updated logic to refresh task list after status change.