

Project Document

To Do App

Sathsarani Geethamali

Contents

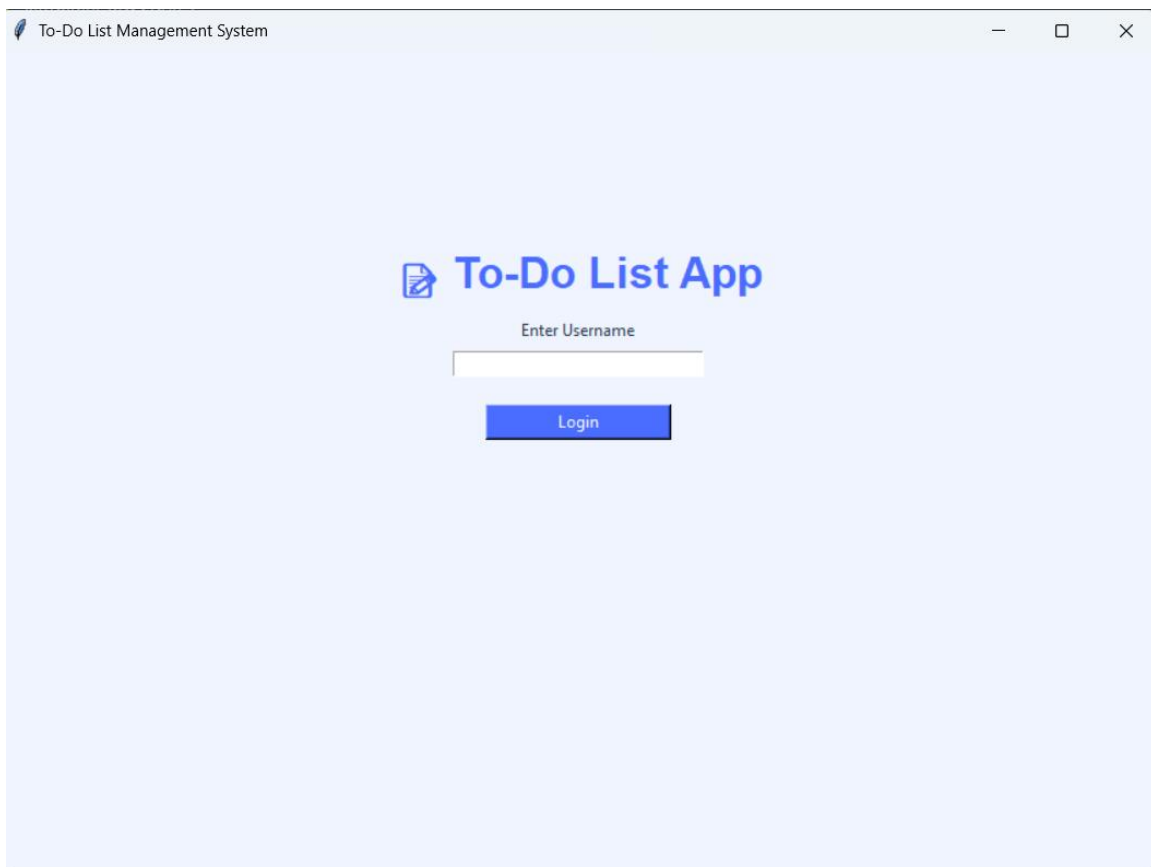
1. Features of the To-Do List Management System.....	3
2. Screenshots.....	3
3. Problems Faced and Solutions	5

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

To-Do List Management System

— □ ×

Welcome, Maneesha 🐼

Task Details

Task Name

Priority

Due Date

Category

Low

YYYY-MM-DD

Add

Update

Delete

Completed

Your Tasks

☑ Wake up at 7.00 AM | High | Daily routine | Due: 2025-12-20

☑ Create notes for ERPS | High | Study | Due: 2025-12-20

☑ Read 20 pages of a novel | Low | Study | Due: 2025-12-20

☑ Make a strawberry macha | Low | Tea time | Due: 2025-12-20

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.