

# To Do List

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VaultofCodes

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# Introduction

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A web-based To-Do List app built with HTML, CSS, and JavaScript that demonstrates interactive task management. It lets you create tasks with reminders, edit/delete them, mark tasks as completed (with visual cues), track progress, and filter tasks in real time.



# Working

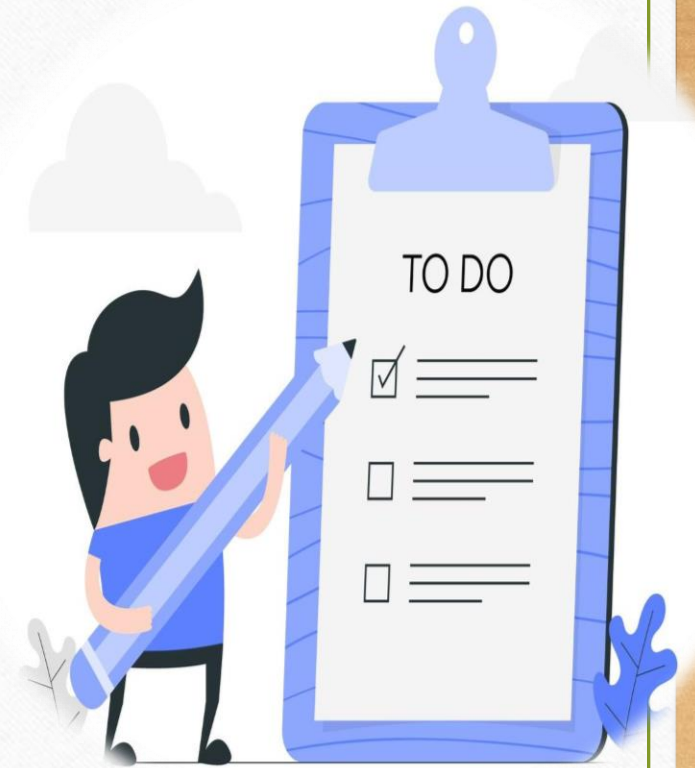
## User Interface:

**Input Section:** Users can add a new task with a reminder date/time and select a repeat option.

**Task List:** Displays added tasks with checkboxes, edit, and delete buttons.

**Progress Bar:** Updates dynamically based on the percentage of tasks completed.

**Search Bar:** Allows filtering tasks by matching text.



## Interaction Flow:

- User enters task details and clicks "Add Task."
- Task appears in the list with a checkbox.
- Checking the box strikes through the task, dims its appearance, and shows "✓ Completed."
- The progress bar updates based on the number of completed tasks.
- Users can edit or delete tasks as needed.
- If a past date/time is entered, a warning appears and the input is cleared.



# Uses

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- **Personal Productivity:**  
Helps individuals manage daily tasks and reminders.
- **Time Management:**  
Useful for tracking deadlines and staying organized
- **Learning Tool:**  
Demonstrates fundamental CRUD operations and UI interactivity for beginners in web development

## Advantages

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- User-Friendly
- Interactivity
- Validation
- Modular Design

## Disadvantages

- Limited Persistence
- Basic Functionality
- Scalability

# Future Scope

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- Data Persistence
- User Authentication
- Enhanced Features
- UI/UX Improvements
- Scalability & Performance



Thank you!

