

# Task Tracker App Documentation

The Task Tracker App is a user-friendly tool designed to help individuals manage their daily tasks, set priorities, and monitor their progress. By providing an intuitive interface for creating, organizing, and completing tasks, this application aims to boost productivity and keep users on track.

## 1 Definitions

### 1.1 Task

A task represents a specific action or to-do item that a user intends to complete. It includes essential details such as a title, description, due date, and priority level.

### 1.2 Task List

A task list is a categorized collection of related tasks, allowing users to group and organize their responsibilities effectively (e.g., "Work Tasks," "Personal Errands," "Project X").

## 2 User Stories

### 2.1 Group Tasks into Task Lists

**As a project manager,**

I want the ability to create multiple task lists for different projects to keep tasks organized and distinct.

#### Acceptance Criteria

1. Users can create task lists that can hold multiple tasks.
2. Each task list must have a title and may include an optional description.

### 2.2 Update Task Lists

**As a project manager,**

I want to be able to modify a task lists name and description to ensure they remain accurate and relevant.

#### Acceptance Criteria

1. Users can edit the name and description of existing task lists.

### 2.3 Delete Task Lists

**As a project manager,**

I want the option to remove task lists that are no longer needed or were created in error to maintain a clean and relevant task management system.

#### Acceptance Criteria

1. Users can delete task lists.

## **2.4 Capture Tasks**

**As a busy professional,**

I want a quick and efficient way to add new tasks to my list so that I can record all my responsibilities without interrupting my current work.

### **Acceptance Criteria**

1. Users can create new tasks within a task list.
2. Each task requires a title and may include an optional description, due date, and priority level.

## **2.5 Update Tasks**

**As a user with a hectic schedule,**

I want the flexibility to adjust the title, description, due date, and priority level of my tasks to prioritize effectively.

### **Acceptance Criteria**

1. Users can edit existing tasks.

## **2.6 Delete Tasks**

**As a user who sometimes makes mistakes,**

I want the ability to remove tasks that were created in error to keep my task list accurate.

### **Acceptance Criteria**

1. Users can delete tasks.

## **2.7 Complete Tasks**

**As a productive user,**

I want to mark tasks as complete to track my progress and focus on remaining responsibilities.

### **Acceptance Criteria**

1. Users can indicate when a task is finished.

## **2.8 Task Completion Progress**

**As a motivated user,**

I want to view the completion progress of my task list to stay encouraged and gauge my productivity.

### **Acceptance Criteria**

1. Users are provided with a completion percentage for tasks within a task list.