**Use Case**

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**Contents**

[1. Use Case: Managing To-Do Lists with Malictivity 3](#_Toc150802385)

[1.1. Actors 3](#_Toc150802386)

[1.2. Preconditions 3](#_Toc150802387)

[2. Basic Flow 3](#_Toc150802388)

[2.1. Adding a New Task 3](#_Toc150802389)

[2.2. Editing an Existing Task 3](#_Toc150802390)

[2.3. Deleting a Task 3](#_Toc150802391)

[2.4. Classifying Tasks 3](#_Toc150802392)

[2.5. Setting Reminders and Notifications 3](#_Toc150802393)

[2.6. Recurring Tasks and Overdue Dates 3](#_Toc150802394)

[3. Postconditions 4](#_Toc150802395)

# Use Case: Managing To-Do Lists with Malictivity

## Actors

**User:** The person who interacts with the Malictivity app to manage their to-do list.

## Preconditions

The user has downloaded and installed the Malictivity app on their web browser and mobile device.

The user has logged in or created an account on Malictivity.

# Basic Flow

## Adding a New Task

The user opens the Malictivity app on their preferred platform. They navigate to the "Add Task" section. The user enters the title, description, and due date for the new task. Optionally, they set a reminder for the task.

## Editing an Existing Task

The user opens the Malictivity app. They navigate to the list of existing tasks. The user selects the task they want to edit. They modify the task details such as title, description, due date, or reminder. The changes are saved automatically.

## Deleting a Task

The user opens the Malictivity app. They navigate to the list of existing tasks. The user selects the task they want to delete. They confirm the deletion through a prompt to avoid accidental removal. The task is removed from the to-do list.

## Classifying Tasks

The user opens the Malictivity app. They view the list of tasks and classify them as "Overdue," "Coming Soon," "Done," or "Canceled" based on their status. The app visually distinguishes tasks according to their classification.

## Setting Reminders and Notifications

The user opens the Malictivity app. They access the settings for a specific task. The user sets a reminder, specifying the time interval before the task's due time. Notifications are sent to the user at the configured time on both web and mobile platforms.

## Recurring Tasks and Overdue Dates

The user opens the Malictivity app. They create a new task or edit an existing task to set it as recurring, specifying the time intervals for repetition. Additionally, the user sets a date when an activity becomes overdue.

# Postconditions

The user has a well-organized to-do list with tasks that are easily manageable through the Malictivity app. Notifications for reminders are received promptly on both web and mobile platforms. Recurring tasks are automatically generated based on the specified time intervals.