# To-Do List App Report

## Introduction

The To-Do List App is a simple yet functional mobile application developed using React Native. It allows users to add, edit, complete, and delete tasks efficiently. The app provides an intuitive user interface with an interactive design and proper state management.

## Features

1. **Add Goals**: Users can enter a new task in the input field and add it to the list by clicking the "ADD GOAL" button.

2. **Edit Goals**: Users can edit an existing task by selecting the "EDIT" button.

3. **Mark as Complete/Undo Completion**: Tasks can be marked as complete, changing their background color, and can also be reverted to incomplete.

4. **Delete Goals**: Users can remove tasks from the list permanently.

5. **Interactive UI**: The app includes color-coded buttons and a structured layout for a better user experience.

## Technologies Used

- React Native

- useState Hook for state management

- TouchableOpacity for interactive buttons

- FlatList for rendering the list of tasks

## User Interface Overview

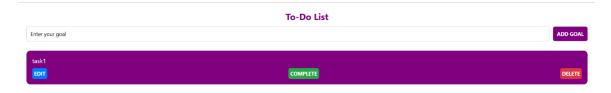### 1. Home Screen

- Displays a header "To-Do List" at the top.
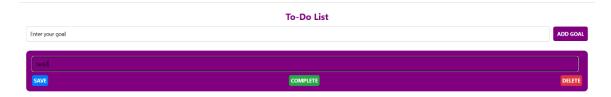
- Shows an input field and an "ADD GOAL" button.

**To-Do List**

| Enter your goal | ADD GOAL |

## 2. Adding a Task

- Users type in a task and press the "ADD GOAL" button to add it to the list.

**To-Do List**

| Enter your goal | ADD GOAL |

task1
EDIT                                              COMPLETE                                              DELETE

## 3. Editing a Task

- Clicking the "EDIT" button enables input mode, allowing the user to update the task.
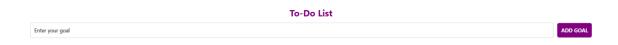
- Pressing "SAVE" confirms the change.

**To-Do List**

| Enter your goal | ADD GOAL |

task2
SAVE                                              COMPLETE                                              DELETE

## 4. Completing a Task

- Clicking the "COMPLETE" button changes the task's background color.

- Pressing "UNDO" restores it to its original state.

**To-Do List**

| Enter your goal | ADD GOAL |

| task2 |
| SAVE | UNDO | DELETE |

## 5. Deleting a Task

- Pressing the "DELETE" button removes the task from the list.

**To-Do List**

| Enter your goal | ADD GOAL |

# Conclusion

The To-Do List App is a functional and user-friendly application that simplifies task management. With future improvements, it can become even more effective and feature-rich.