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To-Do List Application Report

Introduction

This project is a simple To-Do List application built using React Native. The application allows users to add, delete, and edit tasks with an intuitive user interface.

Features

- Add new tasks
- Delete tasks
- Edit existing tasks
- Styled UI with color themes and responsive design

Components Used

- **View**: Used for layout structuring.
- **Text**: Displays text elements.
- **TextInput**: Captures user input.
- **TouchableOpacity**: Used for buttons.
- **FlatList**: Renders the list of tasks dynamically.
- **StyleSheet**: Used for styling components.

Styling and Colors

- **Primary Color**: #7D287D (used for the header, buttons, and task backgrounds)

- **Text Color**: white (for contrast against dark backgrounds)
- **Background Color**: white (to maintain a clean UI)
- **Font Size**:
  - Header: 24px, bold
  - Task text: 18px
- **Button Styling**:
  - Background color: #7D287D
  - Padding: 10px
  - Border Radius: 5px
  - Text: Bold, white

Code Overview

The project consists of a main `ToDoList` component that manages state and interactions. The app uses the `useState` hook to store tasks and updates them dynamically. Users can enter a task in `TextInput`, and upon pressing the "ADD GOAL" button, the task is added to the list. Each task can be deleted using a dedicated delete button. Additionally, tasks can be edited by updating the text input.

To-Do List

Enter title | ADD

aya | EDIT DELETE

esraa | EDIT DELETE

hafsa | EDIT DELETE

To-Do List

Enter title | ADD

aya | SAVE

hafsa | EDIT DELETE

To-Do List

Enter title | ADD

ayaaaaaaaaaaaaaaaaaaaaaaa | SAVE

hafsa | EDIT DELETE

To-Do List

Enter title | ADD

ayaaaaaaaaaaaaaaaaaaaaaaa | EDIT DELETE

hafsa | EDIT DELETE