Task-2

**Theme Switcher App**

A simple React application that implements a **global theme switcher** using the **Context API** and **localStorage**. This project allows users to toggle between light and dark themes, with their preferences saved in the browser for a seamless experience.

**Features**

**Global Theme Switching**: Switch between light and dark themes effortlessly.

* **Persistent State**: The app remembers the selected theme using localStorage.
* **Modern Design**: Includes a responsive layout with smooth transitions and a linear gradient button in the light theme.
* **React Context API**: State management without prop drilling.

**Installation**

1. **Clone the Repository**:

bash

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git clone https://github.com/<your-username>/theme-switcher-app.git

1. **Navigate to the Project Directory**:

bash

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cd theme-switcher-app

1. **Install Dependencies**:

bash

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npm install

1. **Start the Development Server**:

bash

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npm start

The app will be accessible at http://localhost:3000.

## How It Works

1. **Theme Management**:  
   The theme state is managed globally using React's **Context API**. The state is initialized from localStorage to ensure persistence across sessions.
2. **Dynamic Styling**:  
   CSS custom properties (:root) are used for theme-based variables like background colors, text colors, and gradients.
3. **Switching Themes**:  
   A button toggles between light and dark themes, updating the context and localStorage values.

## Tech Stack

* **React**: Frontend framework
* **CSS**: Styling and animations
* **localStorage**: Persistent theme storage
* **Context API**: Global state management

## Preview

### Light Theme:

Add a screenshot or description of the light theme.

### Dark Theme:

Add a screenshot or description of the dark theme.



