Title - Daily Writing Goal Tracker

1. Introduction

The **Daily Writing Goal Tracker** is a web application designed to help peoples keep track of their daily goals. The application provides tools for task management, event scheduling, and mind mapping to aid in organizing and planning sessions. The tracker features an interactive to-do list, a calendar to schedule events, and a mind map for visualizing ideas and concepts. This app is built to help stay motivated and productive by setting clear goals and managing tasks efficiently.(Note: All the data are stored in the local storage)

2. Features

Core Features:

1. **To-Do List**:

   o **Goal Tracking**: Set daily writing goals and mark them as completed.

   o **Progress Bar**: A visual progress bar to show the percentage of tasks completed.

   o **Task History**: Displays the history of completed tasks for up to the last 7 days, showing progress for each day.

   o **Task Management**: Add tasks and check them off once completed. You can edit or delete tasks.

2. **Calendar**:

   o **Monthly View**: A calendar that shows the current month with day-by-day navigation.

   o **Event Scheduling**: Add writing sessions as events, with options to set a date, title, and description for each event.

   o **Navigation**: Navigate between months with previous and next buttons to view other dates.

3. **Mind Map**:

   o **Node Creation**: Add nodes to create a mind map of writing ideas, characters, plot points, and more.

   o **Node Connection**: Connect nodes to show relationships or flow between ideas.

   o **Node Deletion**: Remove unnecessary nodes from the mind map.

   o **Clear Mind Map**: Clear the entire mind map to start fresh.

Bonus Features:

1. **Responsive Design**: The application is designed to be mobile-friendly, adjusting its layout according to screen size.

2. **User-Friendly Interface**: Intuitive controls and easy navigation ensure a smooth user experience for all types of users.

3. How to Use

Step-by-Step Instructions:

1. **Using the To-Do List**:

   - On the main screen, click the **"Todo"** button to reveal the to-do list section.

   - Enter your daily writing goal in the input field and click the **"+"** button to add it to the task list.

   - Mark tasks as completed by clicking the checkbox next to the task.

   - Track your progress with the visual progress bar and view task completion history below the to-do list.
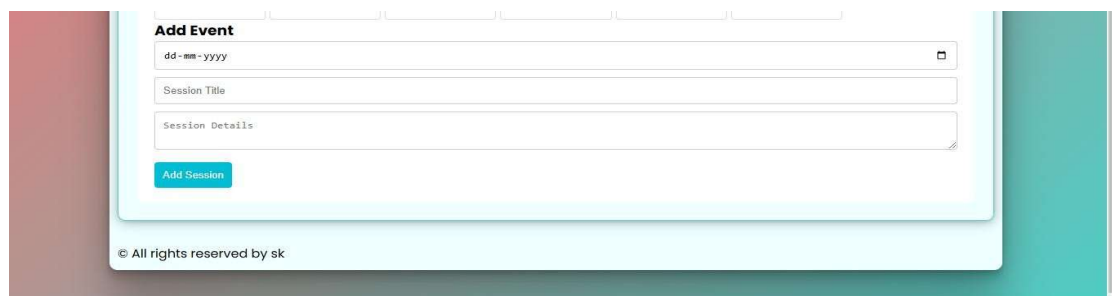
2. **Using the Calendar**:

   - Click on the **"Calendar"** button to open the calendar view.

   - Navigate between months using the **left** and **right arrows**.

   - Add events (writing sessions) by filling in the date, title, and description in the event form and clicking the **"Add Session"** button.
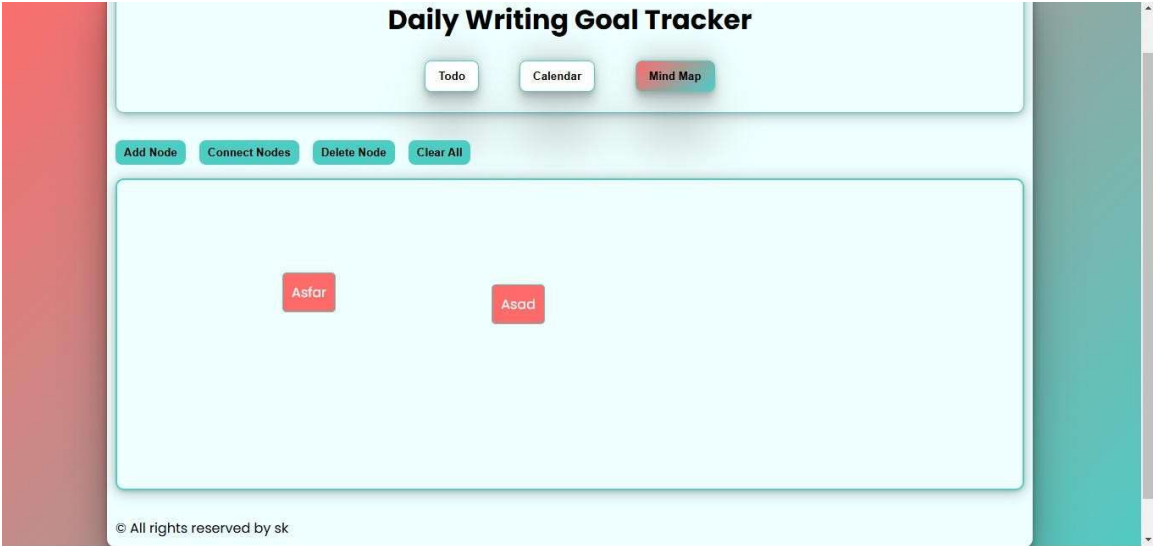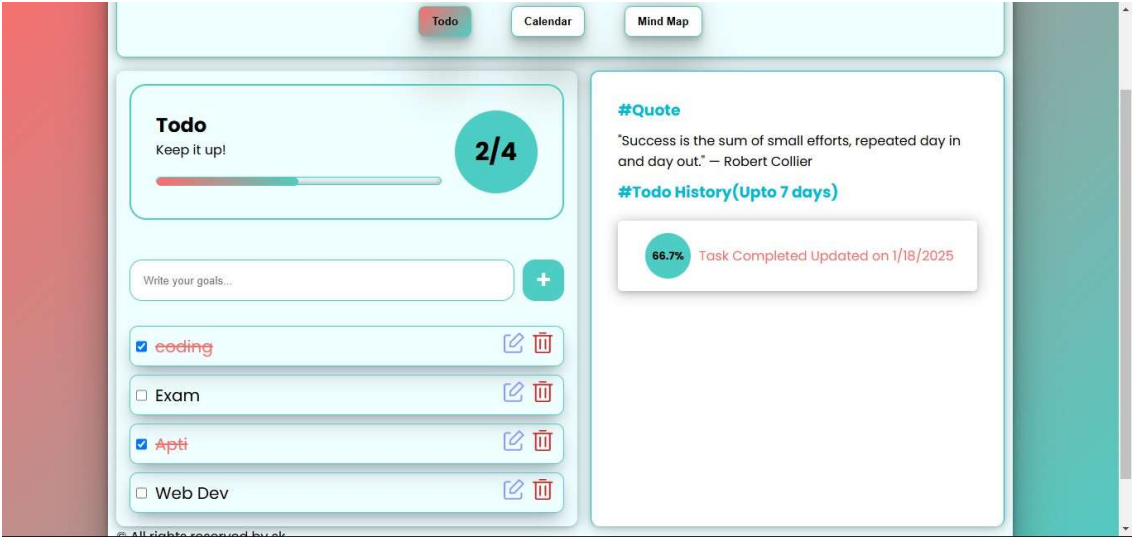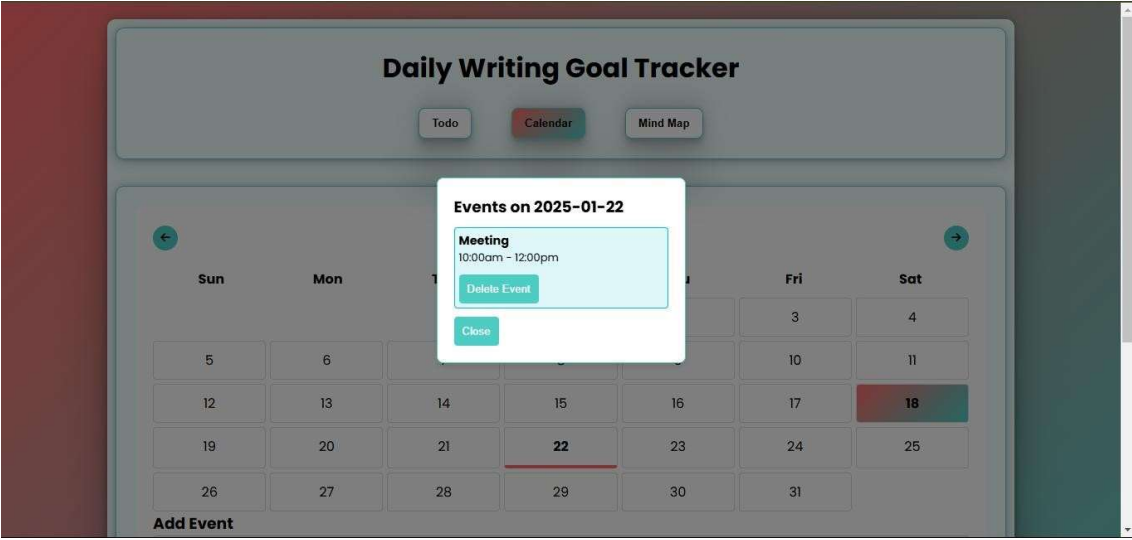
3. **Using the Mind Map**:

   This portion is not completed yet.

Screenshots:

➢ **Desktop view:**

Daily Writing Goal Tracker

Todo Calendar Mind Map

Events on 2025-01-22

Meeting
10:00am - 12:00pm

Delete Event

Close

Sun	Mon				Fri	Sat
					3	4
5	6				10	11
12	13	14	15	16	17	**18**
19	20	21	22	23	24	25
26	27	28	29	30	31	

Add Event

Todo Calendar Mind Map

Todo
Keep it up!

2/4

Write your goals... +

- ☑ ~~coding~~
- ☐ Exam
- ☑ ~~Apti~~
- ☐ Web Dev

#Quote
"Success is the sum of small efforts, repeated day in and day out." — Robert Collier

#Todo History(Upto 7 days)

66.7% Task Completed Updated on 1/18/2025

Daily Writing Goal Tracker

Todo Calendar Mind Map

Add Node Connect Nodes Delete Node Clear All

Asfar Asad

4. Technical Details

The Daily Writing Goal Tracker is built using the following technologies:

- **HTML**: Provides the structure and layout of the application.

- **CSS**: Styles the interface for a clean and user-friendly design.

- **JavaScript**: Handles the interactivity of the to-do list, calendar, and mind map features, including task management, event handling, and mind map operations.

The application uses basic DOM manipulation in JavaScript to update the interface dynamically based on user input and actions.

5. Future Enhancements

Here are some possible features and improvements to consider for future updates:

1. **User Authentication**: Implement user login and registration so that users can save their tasks, events, and mind maps across devices.

2. **Task Priority**: Add functionality to prioritize tasks, allowing users to categorize them into high, medium, or low priority.

3. **Task Reminders**: Enable notifications or reminders to alert users about upcoming writing sessions or tasks that need to be completed.

4. **Exporting Mind Map**: Allow users to export their mind map as an image or PDF for sharing or printing purposes.

5. **Statistics and Analytics**: Implement detailed analytics to track writing progress over time, such as words written per day or percentage of goals met.