

# Daily Writing Goal Tracker

## 1. Introduction:

Boost your productivity and streamline your organization with this versatile tool that combines a Mind Mapping Tool and an Interactive Calendar. Whether you're brainstorming ideas, planning projects, or managing daily tasks, this tool provides an intuitive and dynamic way to visualize and achieve your goals.

The Mind Mapping Tool offers a flexible canvas where you can create and customize interconnected nodes, making it easier to structure your thoughts and ideas visually. Navigate effortlessly through your mind maps with zooming and dragging capabilities, while dynamic styling ensures your mind maps are as unique as your plans.

The Interactive Calendar complements this by helping you organize and prioritize tasks. You can navigate through months, select specific dates, and manage your goals with ease. It offers a clear, structured view of your schedule, with seamless integration between your calendar and mind maps for enhanced clarity.

Together, the Mind Mapping Tool and Interactive Calendar empower you to connect your creative ideas with structured planning, helping you stay on track and accomplish more.

## 2. Features:

This application provides a powerful set of features designed to enhance productivity and organization. It combines an interactive Mind Mapping Tool with a goal-oriented Calendar, offering a seamless experience for users to brainstorm, plan, and track their tasks. Here's a simple breakdown of its core and bonus features:

### Core Features

#### a. Interactive Mind Mapping Tool

**Canvas and Nodes:** Create, edit, and connect nodes (circles or rectangles) on a flexible canvas to organize and visualize ideas.

**Zooming and Dragging:** Easily navigate large mind maps with zoom and drag functionalities.

**Dynamic Styling:** Customize nodes with adjustable properties like size, font, and color to help categorize and prioritize.

**Connections:** Link nodes with dynamic lines that automatically update when nodes are moved, ensuring clarity.

#### b. Calendar Rendering

**Monthly Calendar View:** View the current month with faded dates indicating adjacent months for easy navigation.

**Navigation:** Move between months with the "Previous" and "Next" buttons, ensuring accurate day and date alignment.

#### c. Goal Management System

**Adding Goals:** Add goals to specific dates with attributes like title, priority, and status.

**Editing Goals:** Modify goal details as needed.

**Setting Priorities:** Assign priorities (e.g., "Highest," "High") to keep tasks organized.

**Marking as Complete:** Update goals when completed.

**Deleting Goals:** Easily remove outdated or unnecessary goals.

#### d. Date Selection

**Highlight Dates:** Click on any date to see associated goals and their details.

### Additional Features

#### a. Seamless Mind Map and Calendar Integration

View mind maps linked directly to specific dates for easy goal visualization and planning.

#### b. Dynamic User Interface Adjustments

**Auto-Resizing Input Fields:** Input fields adjust automatically based on text length, keeping the interface clean and user-friendly.

**Expandable Goal Details:** Expand or collapse goal descriptions to customize your view.

#### c. Toggling Goal Sections

Show or hide incomplete or completed goals with toggle buttons, helping you focus on what's important.

#### d. Smooth and Intuitive Navigation

Zoom, drag, and navigate seamlessly between your mind maps and calendar, making the entire experience intuitive and fluid.

### Key Advantages

**Visualization Meets Planning:** Combine visual brainstorming with structured goal tracking for effective organization.

**Customization:** Tailor the mind maps and goals to your needs with flexible styling and settings.

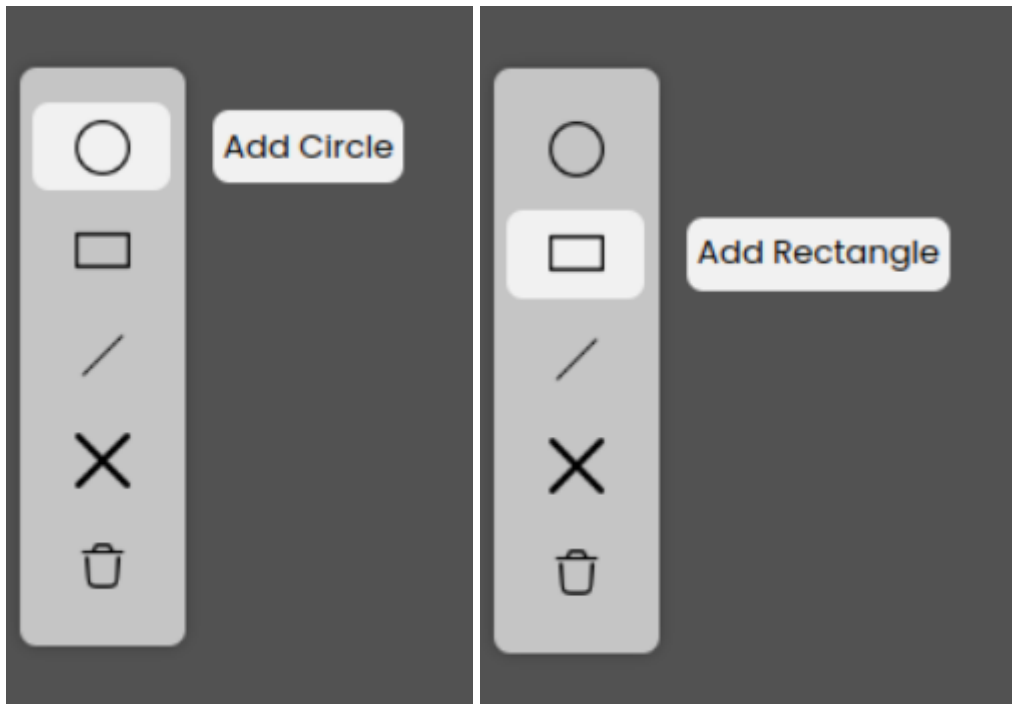
**User-Friendly Interface:** The intuitive interface is responsive and adaptable to any workflow, making task management a breeze.

## 3. How to Use:

### 1. Using the Interactive Mind Mapping Tool

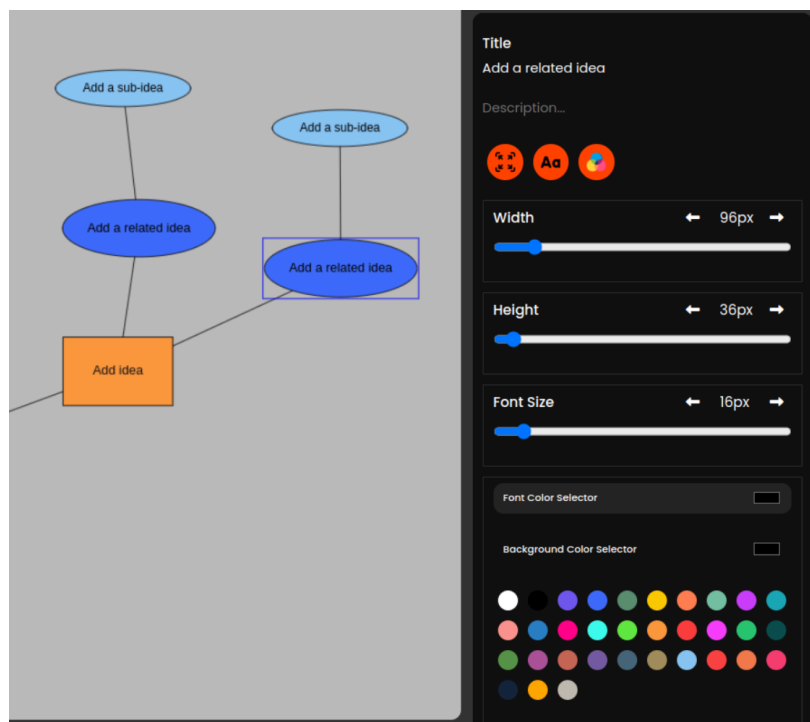
#### a. Adding Nodes

- **Step 1:** Click on the "Add Circle" or "Add Rectangle" button or icon ( located at the left of the canvas area).
- **Step 2:** Now click on the canvas where you want to place the node.
- **Step 3:** Drag the newly created node to your preferred position on the canvas.



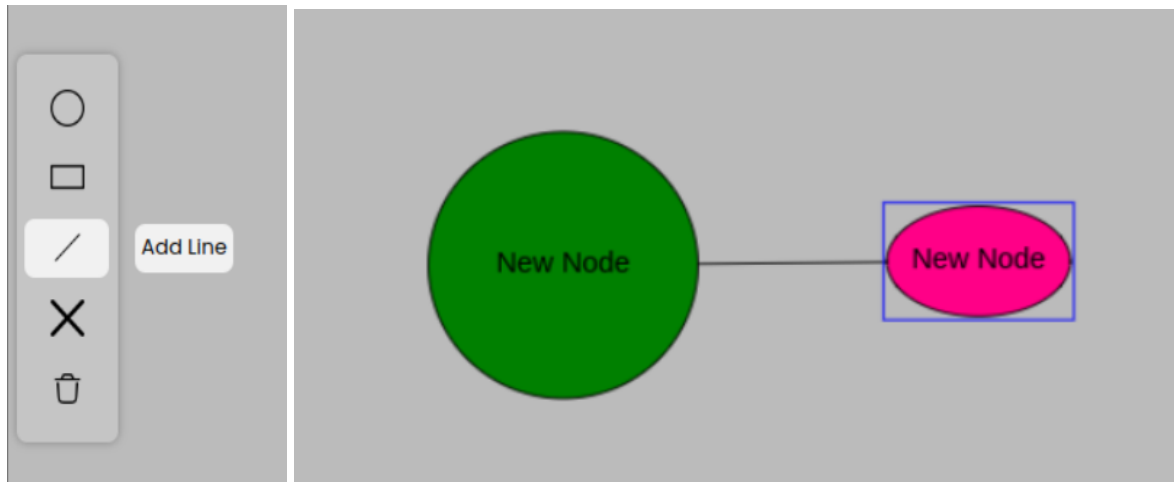
## b. Editing Nodes

- **Step 1:** Click on the node you want to edit.
- **Step 2:** Modify its properties (size, color, text) using the editing toolbar that appears.
- **Step 3:** You can change the font size, node color, and add more text or details.



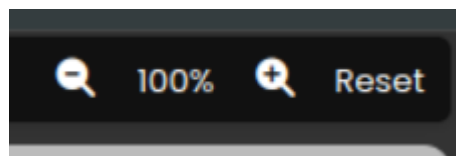
### c. Connecting Nodes

- **Step 1:** Click the “**Add Line**” button to enable the connection feature.
- **Step 2:** Click on the first node you want to connect.
- **Step 3:** After selecting the first node, click on the second node you want to connect it to.
- **Step 4:** A connection line will automatically appear between the two nodes, showing their relationship.



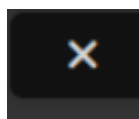
### d. Zooming and Dragging

- **Step 1:** Use the mouse wheel or zoom controls to zoom in or out on the canvas.
- **Step 2:** Hold and drag the canvas to move around and view other parts of the map.



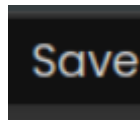
### e. Canceling Edits

- **Step 1:** After editing a node (e.g., changing its title or description), click the **Cancel** button to discard your changes.
- **Step 2:** The node will return to its previous state, and no changes will be saved.



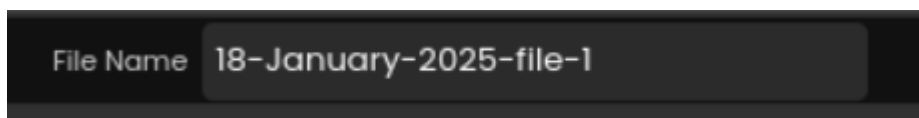
### f. Saving Edits

- **Step 1:** Once you're satisfied with the changes made to a node, click the **Save** button.
- **Step 2:** The node will be updated with the new details, and your changes will be stored permanently.



#### g. Editing Filename

- **Step 1:** Click on the **filename** displayed on the screen.
- **Step 2:** The filename will become editable, and you can type the new name directly into the input field.
- **Step 3:** The new filename will be saved automatically as you save.



#### h. Using Predefined Mind Map Templates

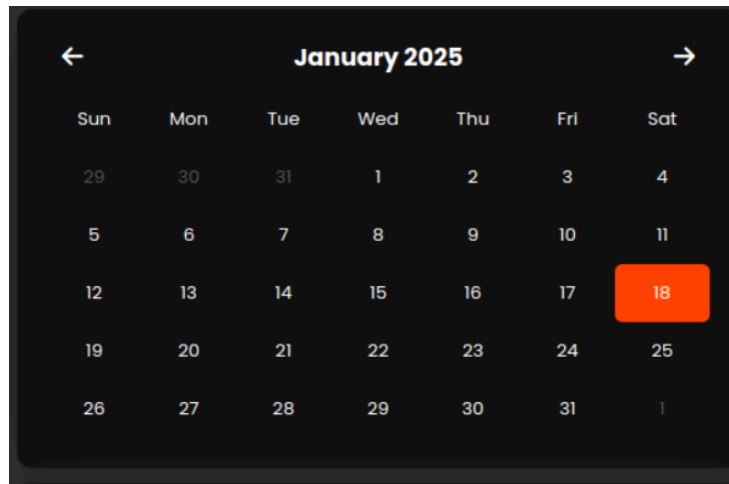
- **Step 1:** Click on the **Template Button**.
- **Step 2:** The predefined mind map template will automatically be applied to your canvas.



## 2. Navigating the Calendar

#### a. Viewing the Current Month

- **Step 1:** The calendar displays the current month by default.
- **Step 2:** Browse through the days using the **"Previous"** and **"Next"** buttons at the top of the calendar.



### b. Selecting a Date

- **Step 1:** Click on any date in the calendar.
- **Step 2:** The selected date will be highlighted, and any associated goals will be displayed.

## 3. Adding and Managing Goals

### a. Adding Goals

- **Step 1:** After selecting a date, look for the **"Add Today Goal"** input field.
- **Step 2:** Enter the title of the goal, and Press **"Add Goal"** to save.



### b. Editing Goals

- **Step 1:** Click on the goal you want to edit.
- **Step 2:** Modify the title, description, priority or duration.
- **Step 3:** Save changes to update the goal.



### c. Marking Goals as Complete

- **Step 1:** Click on the **"Mark as Complete"** checkbox next to the goal.

- **Step 2:** The goal status will be updated to "Complete."

#### d. Deleting Goals

- **Step 1:** Click on the goal you want to delete.
- **Step 2:** Press the "**Delete**" button to remove the goal from the calendar.

## 4. Technical Details

This project utilizes the following core technologies to create a dynamic and interactive user experience:

**HTML:** The structure of the application is built using HTML, providing a semantic foundation for all elements, including the mind map, calendar, and goal management system.

**CSS:** Styling is done with CSS to ensure the application is visually appealing, responsive, and user-friendly. It includes custom styles for mind maps, calendar layout, goal input fields, and interactive components.

**JavaScript:** JavaScript is used to implement dynamic functionality, such as:  
Interactive elements for the mind mapping tool (e.g., adding, editing, and connecting nodes).  
Calendar rendering and navigation features.  
Goal management system (e.g., adding, editing, and deleting goals).  
Seamless integration between mind maps and calendar dates.  
Handling dynamic user interface adjustments and toggling sections.

## 5. Future Enhancements

### 1. Real-Time Collaboration

Enable team members to work together on the same mind map or calendar in real-time. This would foster collaboration, making it easier to brainstorm and plan projects as a group.

### 2. Task Automation and Intelligent Reminders

Introduce automatic task tracking and timely notifications to remind users of important deadlines. This feature would ensure that nothing is overlooked and users stay on top of their tasks effortlessly.

### 3. Third-Party Integrations

**Calendar Syncing:** Allow integration with popular calendars such as Google Calendar, helping users align their personal and professional schedules in one place.

**Cloud Storage:** Enable seamless saving of data to cloud platforms like Google Drive or Dropbox, providing users with secure backups and access across all devices.

### 4. Advanced Reporting and Personalized Recommendations

Offer visual reports and insights, helping users track their progress and optimize their workflow. Personalized recommendations would provide smart suggestions for improving efficiency.

#### **5. Mobile App with Offline Access**

Launch a mobile version of the app that works offline, allowing users to access and update their mind maps and goals anytime, even without an internet connection.