Genzai Timer User Manual

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Introduction

The Genzai Timer is a free to use web application designed by Jared Behr, Kaden Mceldowney, Justin Eaton, Anthony Coggins, Lewis Halstead, and Chris Henry. The Genzai Timer is a productivity minded software designed to increase your own productivity in your work through the encouragement of focused work for a period of time broken up with short breaks in between to aid concentration. The following document is a manual on how to use the software.

Task List

Description
The task list is a tool that can be used to keep track of all the goals that you want to complete in a session. The task list is located at the top right of the page and lists each task in a vertical column.
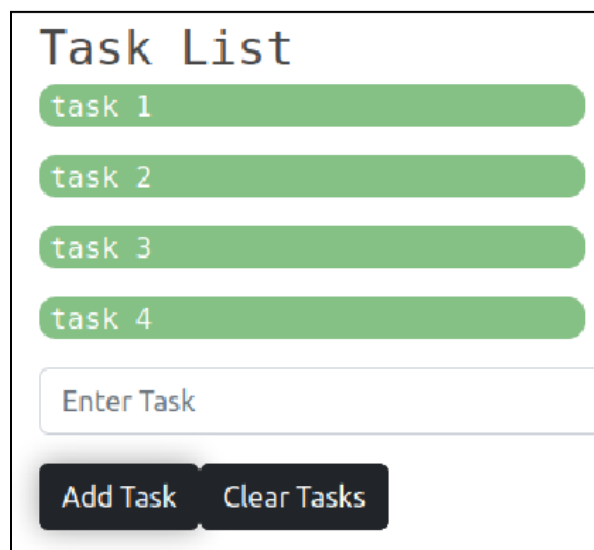
How To Use

Add Task:
Below the task list there is a form for the user to input data. The user should input the text that they want to appear in the task list into the form then click the button that says "Add Task".

Clear All Tasks:
Below the task list there is a button that says "Clear Tasks." Pressing this button will clear all of the tasks from the task list.

Images

Timer

<u>Description</u>

The timer is the primary use of this software. It exists in the style of a Pomodoro timer. A Pomodoro timer is a way of timing your work such that you stay productive when you do work. Studies have shown that as consecutive hours spent on a task increase, productivity per hour decreases. Dividing your attention into short and long breaks is a mindful way to keep your attention to the task at hand.

The Pomodoro timer starts with a 30 minute work period. The user will complete this period of time and reward themself with a short five minute break. The user then repeats this process two more times before giving themself a long 15 minute break. Repeat this process until desired tasks are completed.

To maneuver between these work and break settings, the user will click the proper buttons corresponding to their desired time.

<u>How To Use</u>

Start:
Pressing the button labeled with a play icon will start the timer. If the timer was previously paused, it will continue the time back from where it started.

Pause:
Pressing the button labeled with a pause icon will pause the timer at the value that is currently displayed on the screen.

Reset:
Pressing the button labeled reset will reset the timer back to its maximum value. The maximum value of the timer depends on which timer is running. For example, on default settings, pressing the reset button while the short break timer is running will set the timer to 5 minutes.

Work:
Pressing the button labeled work will start the work timer. The default value of the work timer is 30 minutes and can be changed in the settings page.
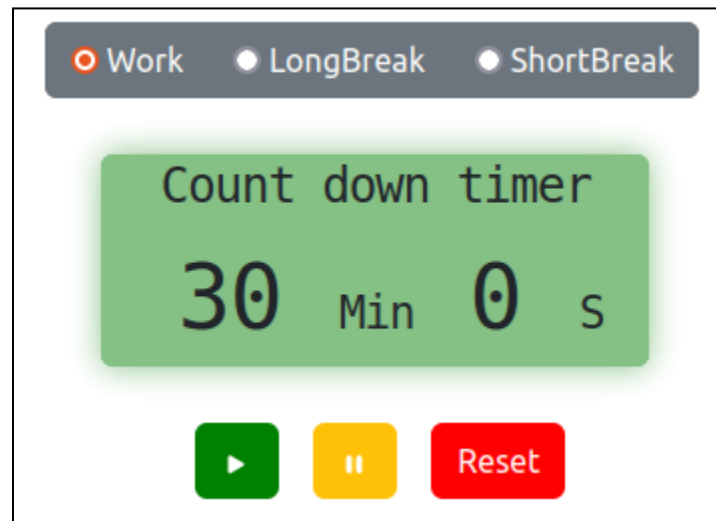
Long Break:
Pressing the button labeled long break will start the long break timer. The default value of the long break timer is 15 minutes.

Short Break:
Pressing the button labeled short break will start the short break timer. The default value of the short break timer is 5 minutes.

Images

Journal

Description

The journal allows the user to write down and save notes that can be referenced at a later time.
The journal component displays a title and a description for each journal entry.
When you click "Add Journal Entry" it prompts the user to enter a title in one field and a description in a second field.

How to Use
Clear Journal:
Clicking the button labeled "Clear Journal" will clear all of the current entries of the journal

Add Journal Entry:
Clicking the "Add Journal Entry" will prompt the user to add a title for the journal entry and a description of the journal entry

Images

Clear Journals   Add Journal Entry

What I did today - 12/14/2022

worked on our Genzai Timer website today from 4 PM to 12 AM!

Clear Journals   Add Journal Entry

Title of Journal Entry   What i've done today

Description of Journal Entry   Finished CS 230 Quiz

Submit Entry

Notifications

Description

Once on the website, this component sends a desktop notification in a consistent interval of 5 minutes. Every 5 minutes it chooses from a list of motivation messages. It will choose a random one and send the notification to the user in the bottom right hand corner.

The notification stays on the screen for 5 seconds and then gradually fades off.

Images
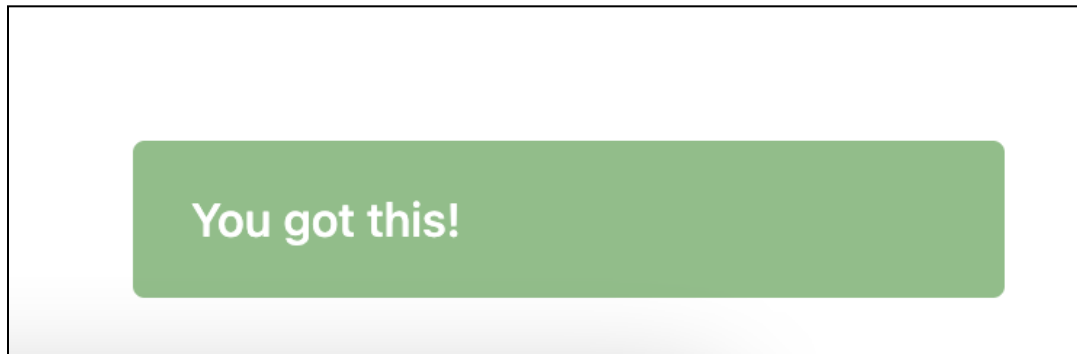
Planner

Description

The Planner is a place to store and keep track of upcoming events or deadlines. These plans are specific to the user via the Firebase Realtime Database.

How To Use

Add Event:

To add an event, press the planner icon on the side navigation bar. You will be prompted to "Clear Events" or "Add Event." Pressing "Add Event" will prompt you to enter the Date, Title, Description, and Time of the event. Fill out these options to complete the event. These details will be saved to your specific database. The event will then be displayed.

Delete Events:

To delete all of your events, press on the planner icon on the side navigation bar. Press "Clear Events" and all of your events will no longer be displayed and be deleted from the database.

Images

Clear Events   **Add Event**

Date of Event

Title of Event

Description of Event

Time of Event

Submit Event

12/15/2022

CS-230 Final Project Presentation
Presenting the Genzai Timer project that Group 2 has been working on all semester.

8:00 AM

Clear Events   Add Event

Authentication

Description

The authentication feature allows the user to sign/login using their email and a password. This connects each user with their own personal data via the Firebase's Realtime Database. The user can then completely personalize the website's other features to help them be more productive! After the work is done, the user can then sign out.

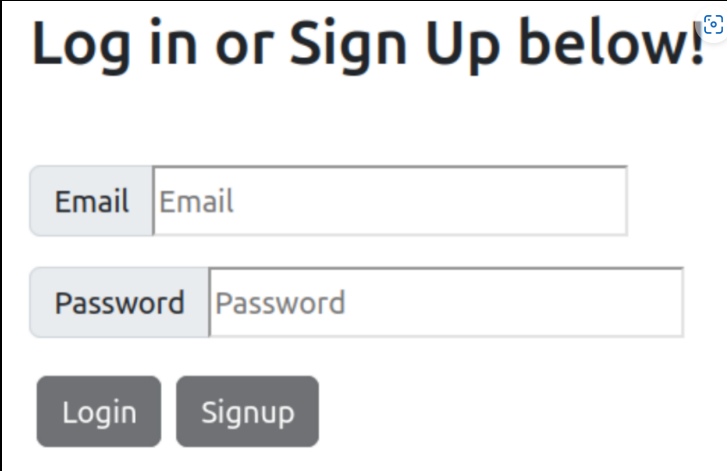How to Use

- Log In or Sign Up
  - Press the button labeled "Log In or Sign Up" this will take you to the authentication page
  - In the authentication page, you are prompted to enter your email and password. If you have not signed up before, no worries, click the sign up button to become part of the Genzai Timer community!
  - After you are logged in, press the home icon on the side navigation bar to start your Genzai experience!

- Sign Out
  - You should notice that your user email will be displayed on the home screen.
  - Press the button labeled "Sign Out", this will refresh and take you back to the default home page.
  - You should notice that "guest" will now be displayed on the home screen.

Images
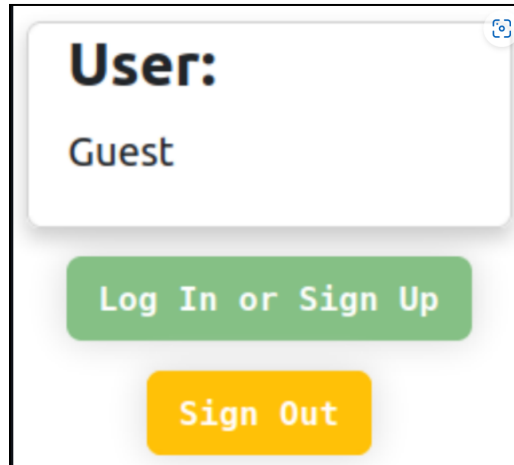
Settings

Description:
The settings page allows the user to modify the duration of the timer periods. The user has control over the duration of their work,
short break, long break, and the interval at which they take long breaks. When each user is created they receive the default
settings; work for 25 minutes, short break for 5 minutes, long break for 15 minutes and after three short breaks have passed a 15 minute long break is taken.
If a user logs in they're settings are automatically used for the timer and if no user is signed in the default settings are used.

How to Use:
To use the settings page the user simply needs to enter their desired values into the given fields. For example if the user inputted 20 in the field labeled work then the work timer would start at 20 minutes. All fields must have entered values ranging from 0 to 59. The current settings values are displayed as placeholders in each field. If no user is signed in the default values are displayed and used.

Screenshots:

Settings

Timer Settings (All fields must be filled)

Duration
Control the duration of work time and break time. Durations cannot exceed 60 minutes.

Work Amount of time (in minutes) you'd like to spend on your work.	25 ⬍
Short Break Amount of time (in minutes) you'd like to spend on your short break.	5 ⬍
Long Break Amount of time (in minutes) you'd like to spend on your long Break.	15 ⬍

Interval
Control when you'd like to take a longer break.

Long Break Interval Amount of short breaks you'd like to take before taking a longer break.	4 ⬍

<div align="right">

Save Changes

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