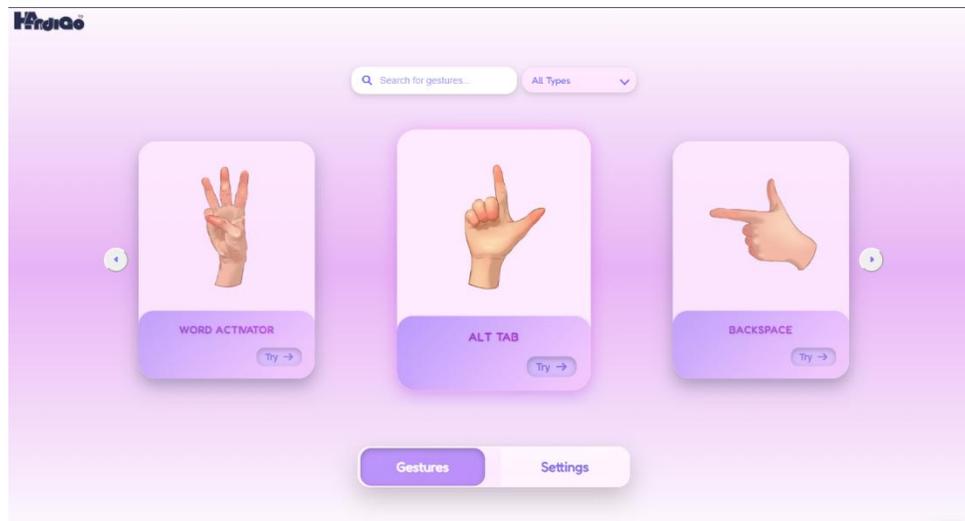# USER MANUAL HANDIGO

Guide App

The Guide App displays all available gestures, explains which settings you can customize, and once installed, it runs seamlessly in the background to provide continuous gesture control.

Floating Window

The HandiGo system includes a floating window that provides real-time status and quick access to essential controls. It uses color indicators to show system status: violet indicates the system is off, while green with a pulse shows that the system is active and gesture controls are functioning properly.

Users can easily open the main application through the house icon to access additional settings and features. The system also allows activation and deactivation of gesture controls, giving users flexibility to enable or pause the functionality as needed.

To enhance usability, HandiGo provides real-time notifications that inform users of recognized gestures and executed commands, ensuring clear feedback. Additionally, a gesture summary feature offers a searchable list of all available gestures and their corresponding actions, making the system more accessible, convenient, and user-friendly.

System Off

Violet (no pulse): This indicator shows that the floating system is currently turned off. When displayed, it means that gesture recognition and system functions are inactive, and no commands are being processed. The absence of a pulsing effect further confirms that the system is idle and not in operation.
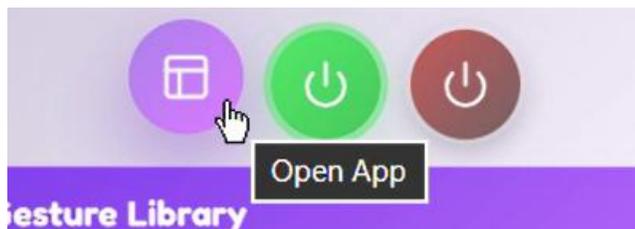

System Active

Green (with pulse): This indicator shows that the system is active and functioning properly. When displayed, it means that gesture recognition is enabled and the system is actively processing user inputs. The pulsing effect signifies that the system is running in real time, continuously detecting gestures and executing corresponding commands.

Open HandiGo App

House Icon: This icon allows the user to open the main HandiGo application, where additional settings and controls can be accessed. By selecting this option, users can configure system preferences, manage features, and explore more functionalities beyond the floating window interface, providing greater control and customization of the system.

System Activation

Activation: This icon allows the user to activate the system command, enabling the recognition of hand gestures. Once activated, the system begins detecting and processing gestures in real time, allowing users to interact with the application through gesture-based controls. This function ensures that the system is ready to receive and execute user inputs efficiently.


System Deactivation

Deactivation: This icon allows the user to deactivate the system command, temporarily stopping the recognition of hand gestures. When selected, the system pauses all gesture detection and processing, preventing any commands from being executed. This function gives users control to disable the system when it is not needed, helping conserve resources and avoid unintended inputs.

System Notification

Notification: Displays in a floating window that informs the user which command has been activated or performed. This real-time visual feedback helps users confirm that their gesture or action was successfully recognized and executed.
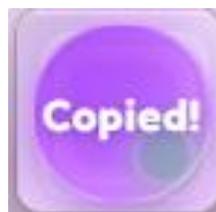

Gesture Summary

Gesture Summary: This feature provides a comprehensive and searchable list of all available gestures along with their corresponding commands. It allows users to quickly locate, review, and understand each gesture without having to navigate through multiple sections of the application. By offering easy access to this information, the Gesture Summary enhances usability, improves efficiency, and makes the system more user-friendly and convenient for all users.

Configuration

Assistive Touch On/Off

This function allows the user to enable or disable the Assistive Touch system as needed. When turned on, the system provides on-screen touch controls and shortcuts that help users interact with the application more easily. When turned off, all Assistive Touch features are temporarily disabled, giving users full control over when these assistive functions are active.
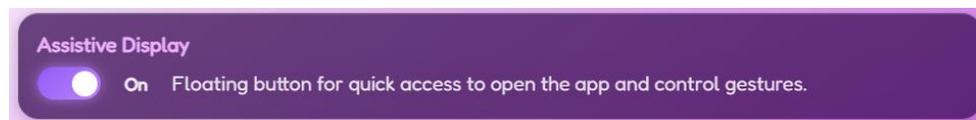
Startup Activation

This function allows the user to enable or disable the system's automatic startup. When activated, the application will automatically launch when the device starts, ensuring immediate availability of its features. When deactivated, the system will not run on startup, giving users more control over performance and startup processes.

Camera Device Selector Preview

Camera Device Selector: Displays the currently active camera and allows users to switch between available camera devices. If a newly connected camera does not appear, click the refresh button to reload and detect available cameras.

Activate/Deactivate Camera:

This function allows the user to turn the camera on or off as needed. When activated, the camera enables the system to detect and recognize hand gestures in real time for interaction. When deactivated, it stops all gesture detection processes, helping conserve system resources and maintain user privacy when the feature is not in use.
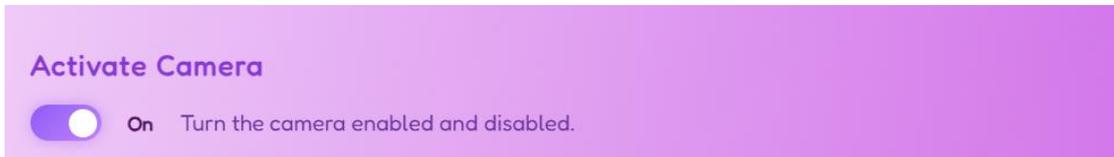
Default and gesture changing

This feature allows the user to first save a specific gesture and then modify it according to their desired command. The first image illustrates the default gesture before any changes are made, serving as a reference for the original setting. The second image shows the gesture after it has been modified, demonstrating how the assigned command can be customized. This functionality enables users to personalize their interactions with the system while clearly showing the before-and-after effect of the gesture modification.

Save and Default

This feature allows the user to either save a customized gesture after modification or revert it back to its default configuration. By saving, the user ensures that the changes made to the gesture's assigned command are retained for future use. Reverting to the default restores the original settings, providing a quick way to undo changes and maintain

the system's standard gesture configuration. This functionality gives users flexibility and control over how gestures are managed and ensures ease of experimentation without permanent consequences.
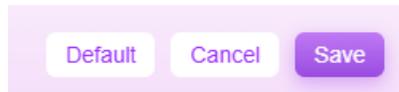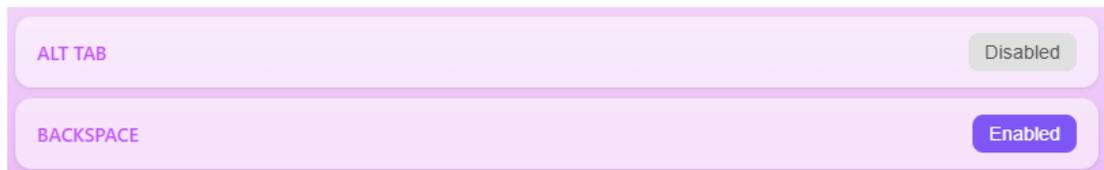

Non-Customizable Gesture

Some gestures within the system are fixed by default and cannot be modified or personalized by the user. These gestures are designed to maintain the system's core functionality and ensure consistent and reliable recognition for essential commands. While users have the flexibility to customize many gestures, non-customizable gestures serve as a stable foundation for the system's operation, ensuring that critical functions remain intact and operate as intended at all times.

Command Activation

This feature allows the user to enable or disable specific system commands according to their preferences. By activating a command, the user ensures that the system will recognize and execute it when the corresponding gesture is performed. Conversely, disabling a command prevents it from being triggered, giving the user greater control over which gestures are active. This functionality enhances customization, allowing users to tailor the system's behavior to their individual needs while maintaining efficient and organized gesture control.

Gesture Commands Guide

Below are the available gesture commands in the system. Each gesture includes a built-in buffer and delay protection to prevent accidental multiple activations or spamming. Some gestures are Configurable (customizable), while others are fixed for system stability.
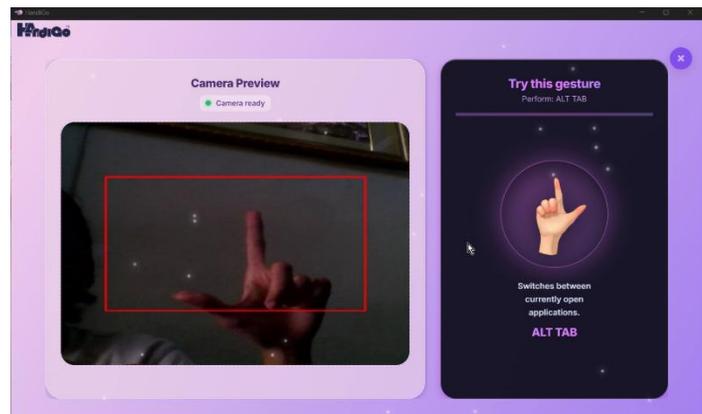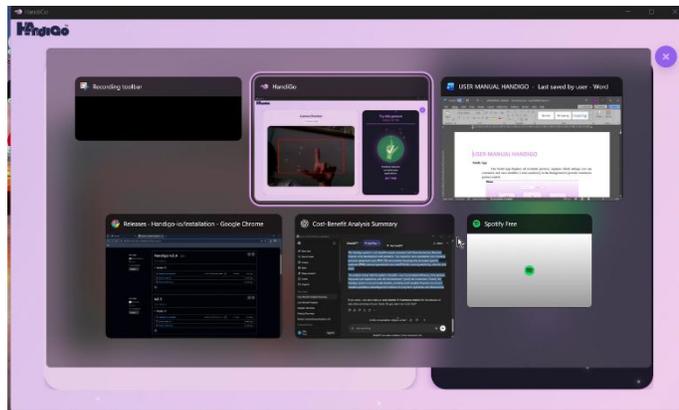
ALT TAB

This feature allows the user to switch between currently open applications, functioning in the same way as pressing **Alt + Tab** on a keyboard. It provides a

quick and convenient method for navigating between multiple programs without needing to manually select each window.
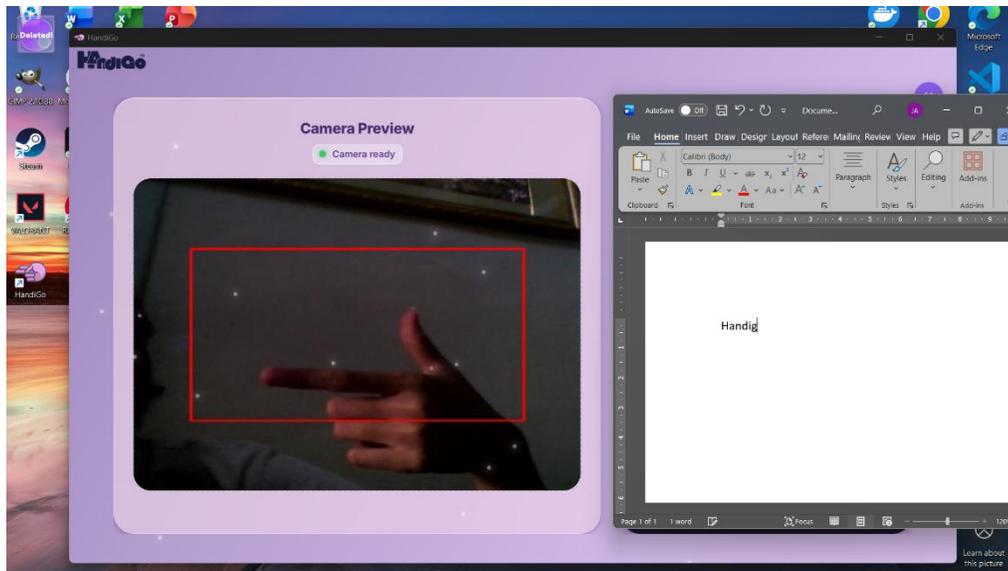
Type: Customizable

Note: A short delay prevents rapid switching between apps.

BACKSPACE

This feature allows the user to delete characters one by one, functioning in any active text field. It provides a simple and precise way to correct typing errors or remove unwanted text.

Type: Customizable

BRIGHTNESS

This gesture opens the system brightness control bar, allowing the user to quickly adjust the screen brightness without relying on a keyboard or mouse. By using this feature, users can conveniently modify the display settings in real time, enhancing visibility and comfort according to their environment.

Type: Customizable

Important: After activation, use the Neutral Gesture or wait seconds before performing the gesture again to prevent multiple brightness bars from opening. A buffer and delay mechanism is applied to ensure smooth and controlled activation.
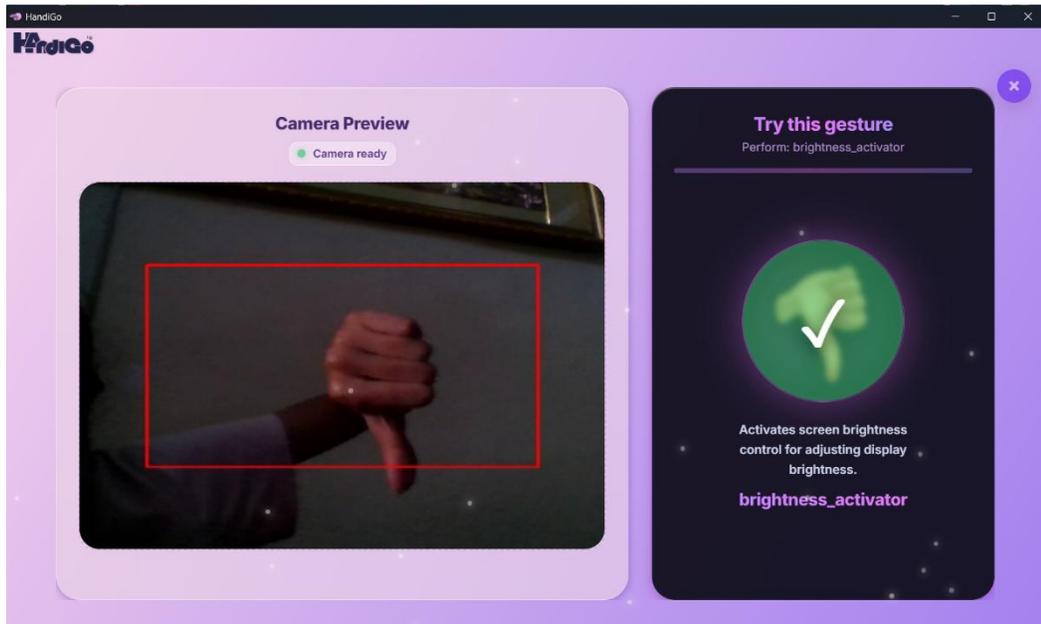
CAPSLOCK

This gesture allows the user to toggle uppercase typing on or off. When activated, all letters typed will appear in uppercase, and when deactivated, typing returns to lowercase. This function provides a quick and convenient way to switch typing modes without using the keyboard, enhancing efficiency and ease of use for the user.

Type: Customizable

Important: After activating, use the Neutral Gesture to avoid double activation

or wait 3 seconds before performing it again.
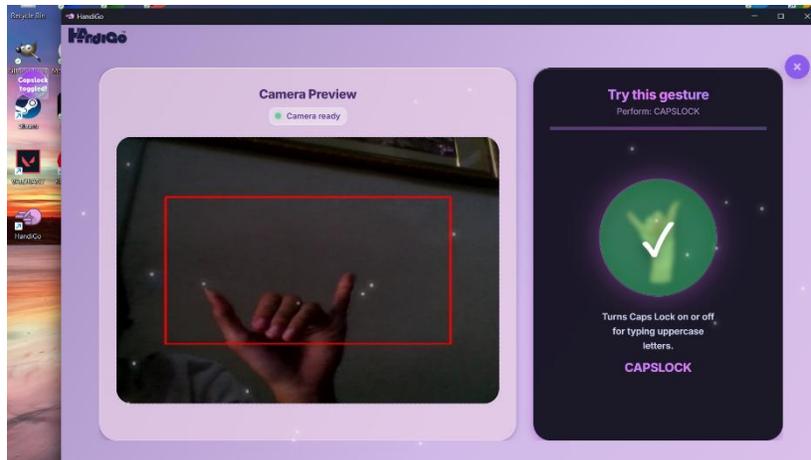
COPY

This gesture allows the user to copy selected text or content in any application, such as Chrome, Word, or other programs. By performing this gesture, the selected information is stored in the system clipboard, ready to be pasted elsewhere. This function provides a quick and convenient way to duplicate content without relying on keyboard shortcuts, improving efficiency and ease of use across different applications.

Type: Customizable

Reminder: You must select the content first before copying.
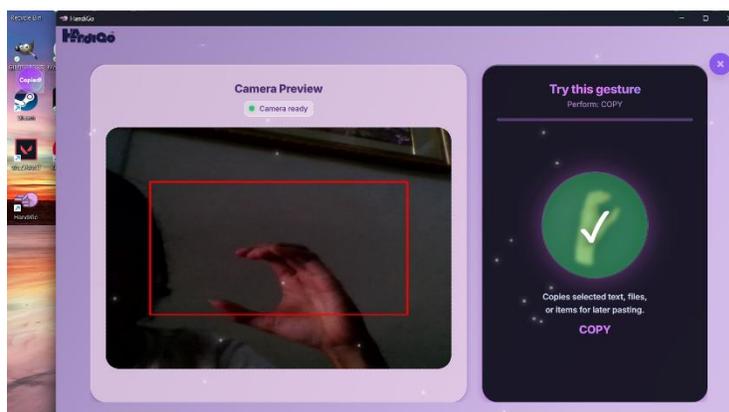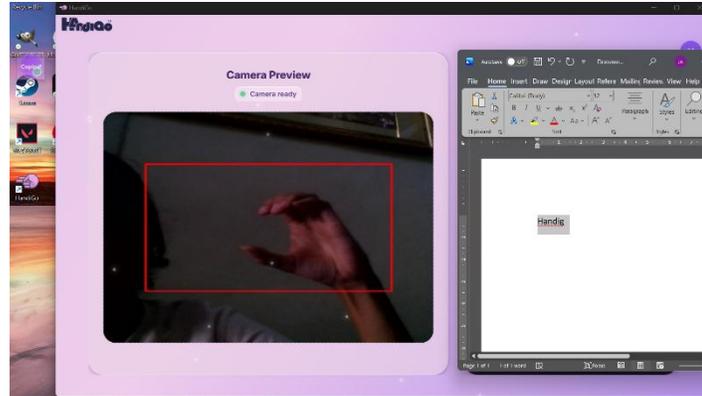
CUT

This gesture allows the user to remove selected content from any application and save it to the system clipboard. Once cut, the content can be pasted elsewhere using the Paste function. This feature provides a fast and efficient way to move information without manually deleting and retyping it, streamlining workflow across different programs.

Type: Customizable

Reminder: You must select the content before performing this gesture.
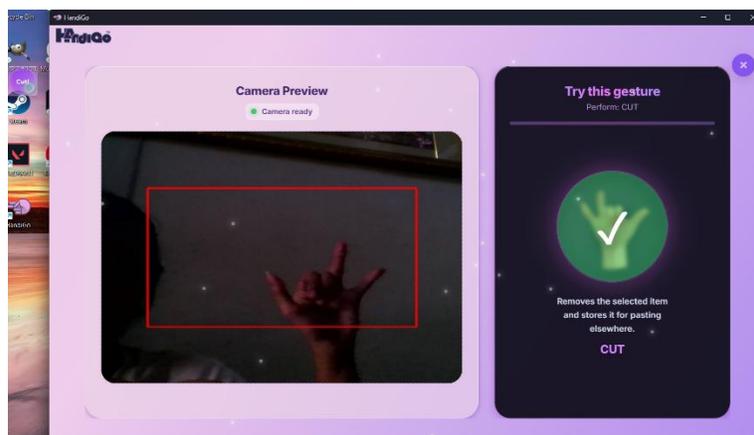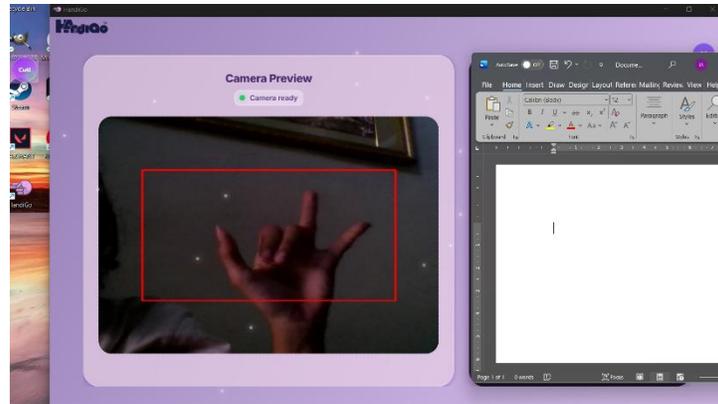
DRAG

This gesture allows the user to drag items on the screen, functioning similarly to holding down the mouse button while moving an object. It enables precise control over the positioning of files, windows, or other interactive elements. By using this gesture, users can easily rearrange or move items without relying on a physical mouse, enhancing efficiency and providing a more intuitive way to interact with the system.

Type: Non-customizable
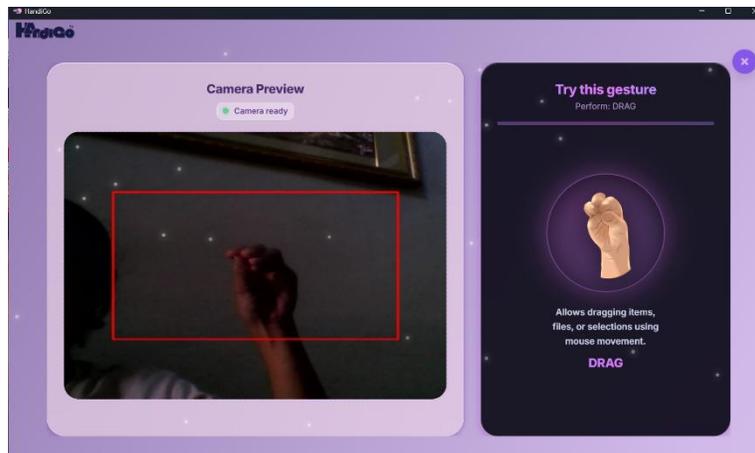
EXCEL

This gesture allows the user to open Microsoft Excel instantly. If Excel is already running, performing the gesture again will close the application. This function provides a quick and convenient way to launch or exit Excel without using the keyboard or mouse, improving workflow efficiency and making application management faster and more intuitive.

Type: Non-Customizable

Important: After closing Excel, wait at least 3 seconds before performing the gesture again. This delay prevents unintended reopening or repeated triggering. A built-in buffer system ensures stable activation.
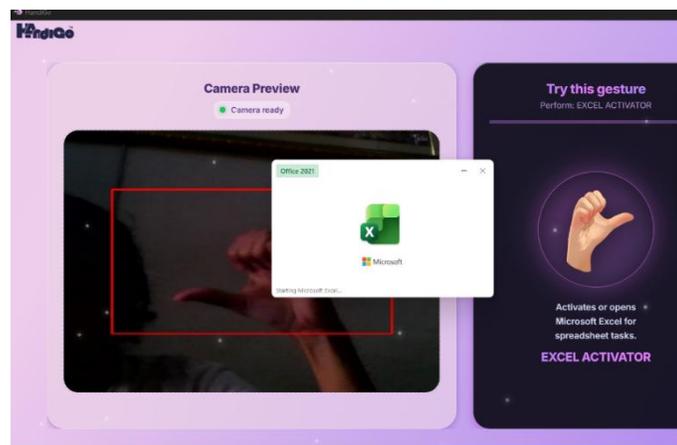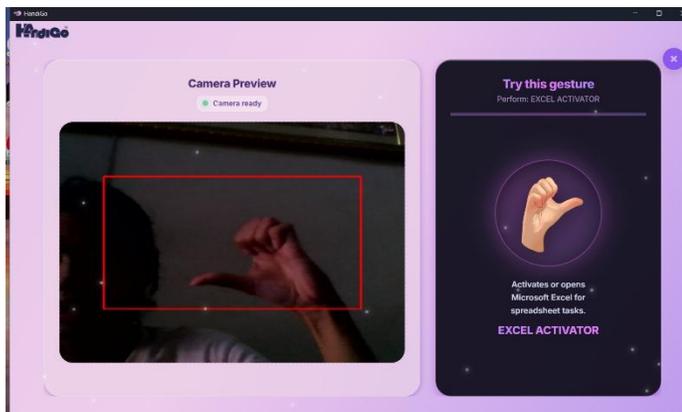
FIND

This gesture activates the Find function, similar to pressing **Ctrl + F**, allowing the user to search for specific words or content within the current application. It works across most supported apps and web browsers, providing a quick and convenient way to locate information without manually navigating menus or using keyboard shortcuts. This function enhances productivity by enabling fast and efficient searches directly through gesture control.

Type: Customizable

Important: Use the Neutral Gesture after activation or wait 3 seconds before performing it again to avoid repeated search prompts.
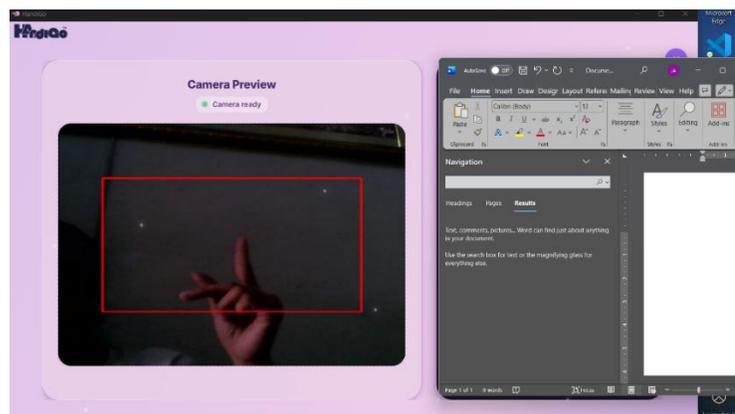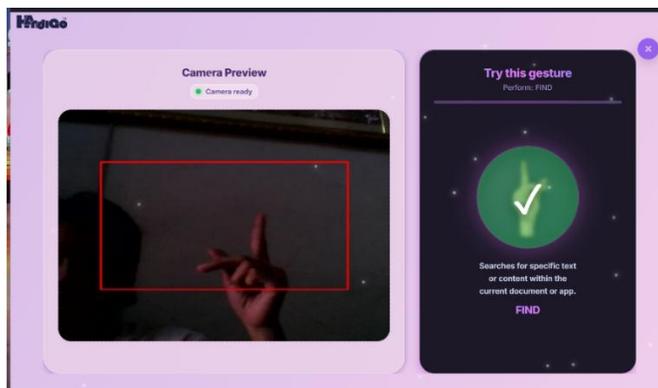
HOME

This gesture opens the Windows Home (Start Menu), providing the user with quick access to applications, system settings, and power options. By using this gesture, users can efficiently navigate their system and access important features without relying on the keyboard or mouse. This function enhances ease of use and streamlines workflow by making system navigation faster and more intuitive.

Type: Customizable

Important: After activation, perform the Neutral Gesture or wait 3 seconds before repeating the gesture to prevent multiple openings. A delay buffer is applied to ensure smooth system response.
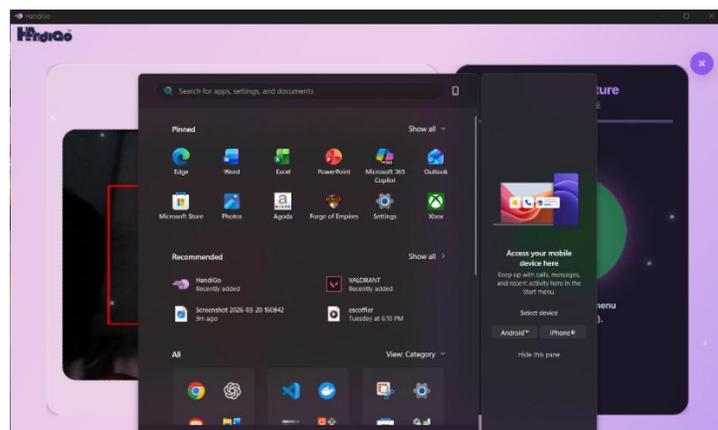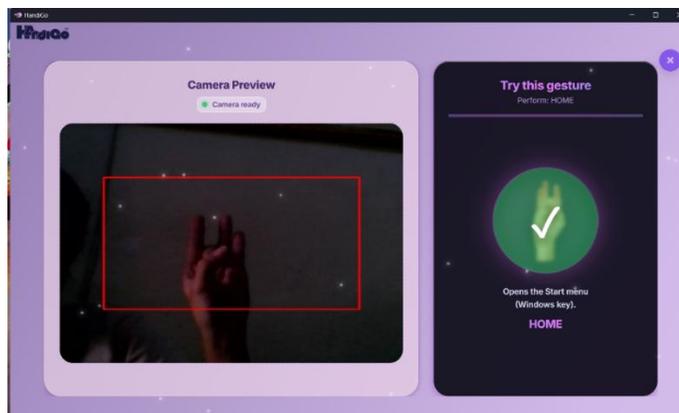
KEYBOARD ACTIVATOR

This gesture opens the On-Screen Keyboard, enabling the user to type without relying on a physical keyboard. It is particularly useful for touch-based devices or for users who require accessibility support. By providing an alternative input method, this feature enhances convenience and ensures that all users can interact with the system effectively, regardless of hardware limitations.

Type: Non-Customizable

Important: After activating the On-Screen Keyboard, wait at least 2 seconds before performing the gesture again to close it. This delay prevents accidental rapid toggling. A built-in buffer system ensures smooth and controlled activation.
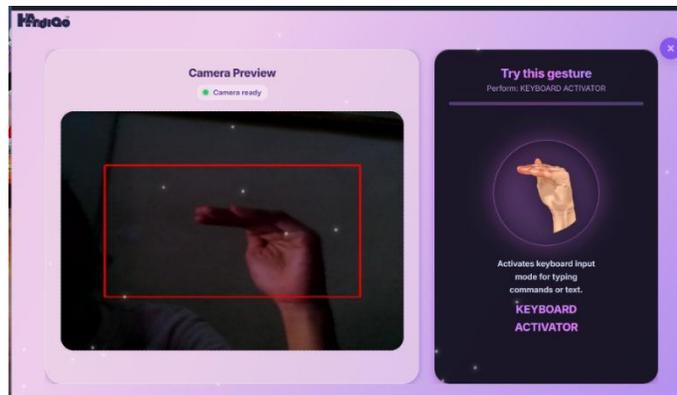
LEFT CLICK

This gesture performs a standard mouse left-click action, allowing the user to select items, open files, or activate buttons on the screen. By using this gesture, users can interact with the system in the same way they would with a physical mouse, providing a familiar and intuitive method of control. This function enhances usability, particularly in touchless or gesture-based interaction environments.

Type: Non-customizable
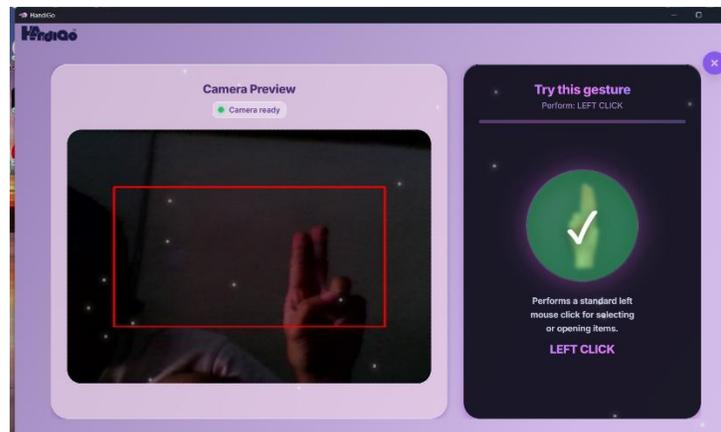
MOVE CURSOR

Moves the mouse cursor based on your hand movement within the detection frame. Before moving, make sure to center your finger inside the frame for accurate tracking. Large hand movements are not necessary, as the cursor responds even to small, subtle motions. This allows smoother control and prevents the need for drastic or exaggerated movements.

Type: Non-customizable
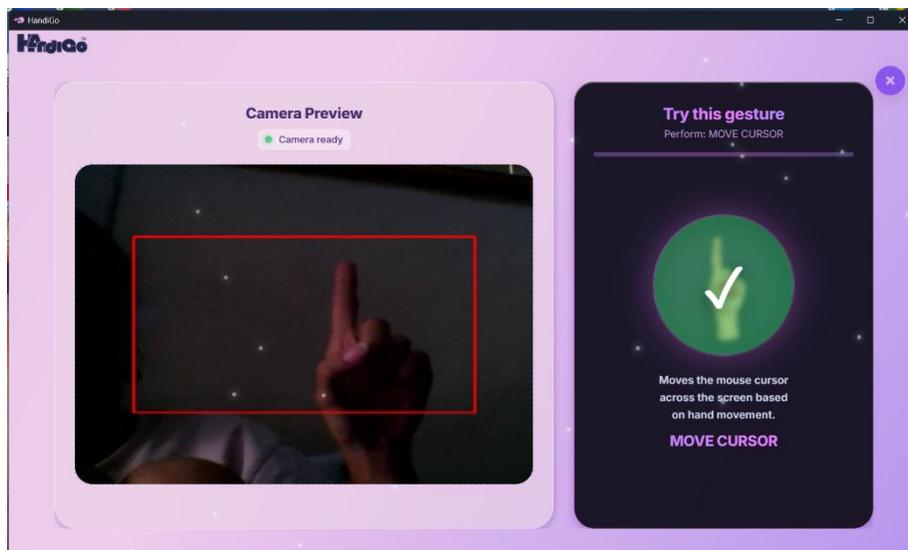
MUTE / UNMUTE

This gesture allows the user to toggle the system's media volume between mute and unmute. It works across system-wide audio, including music players, web browsers, and other multimedia applications. By using this gesture, users can quickly control sound output without needing to navigate through menus or use hardware buttons, enhancing convenience and providing efficient audio management.

Type: Customizable

Important: After activation, use the Neutral Gesture or wait 3 seconds before performing it again to prevent repeated toggling.
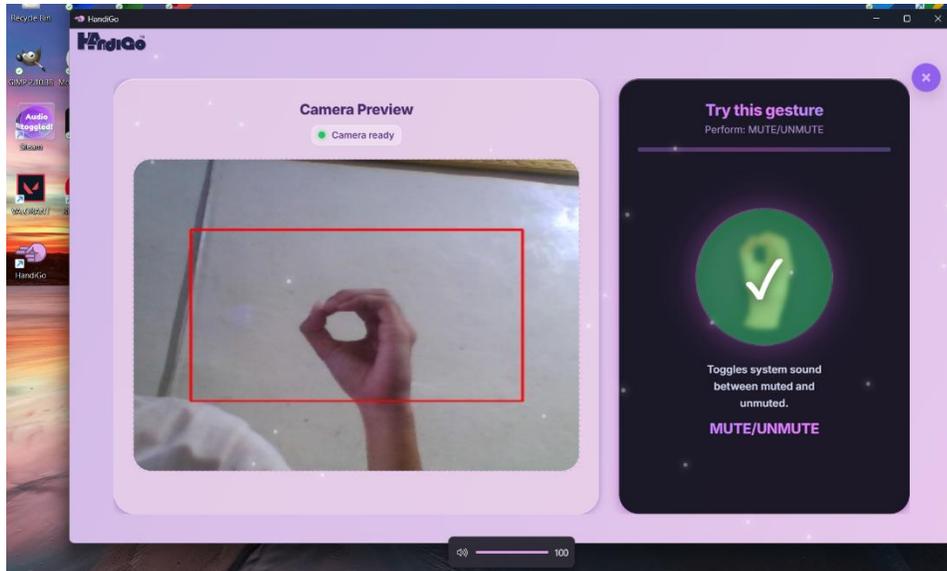
NEUTRAL

The Neutral Gesture serves as an idle or reset position for the system. It allows users to safely switch between different gestures and helps prevent unintended activations of commands. By providing a neutral state, this gesture ensures accurate and controlled interaction, reducing errors and improving the overall reliability of gesture-based operations.

Type: Non-Customizable

Important: It is recommended to return to the Neutral Gesture after performing any action to ensure accurate recognition of the next command.
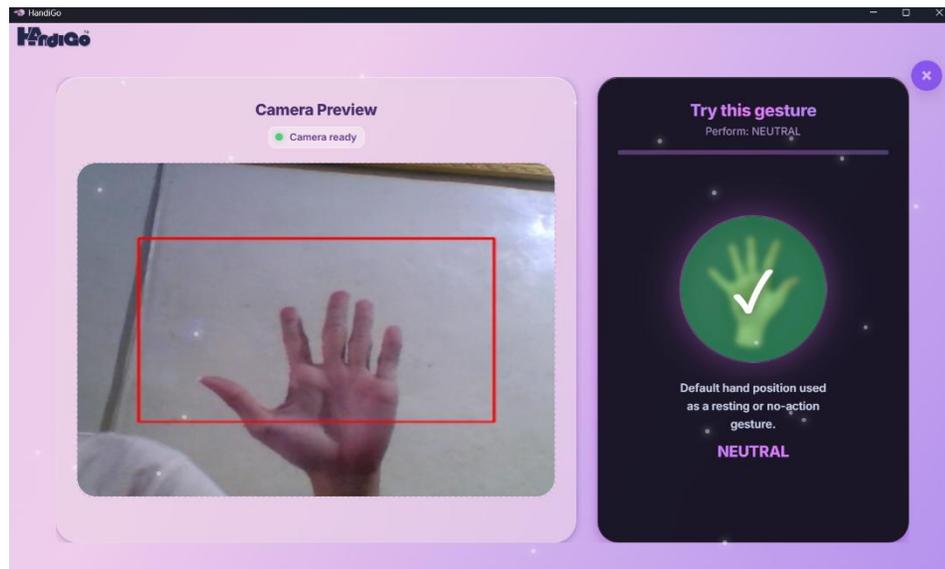
NEW FILE

This gesture allows the user to create a new file or document in most supported applications. In web browsers, such as Chrome, performing this gesture can also open a new tab. By using this function, users can quickly initiate new workspaces or documents without relying on keyboard shortcuts or menu navigation, enhancing workflow efficiency and overall convenience

Type: Customizable

Important: Ensure the active application supports new file or new tab creation. Use the Neutral Gesture afterward to avoid multiple file or tab openings.
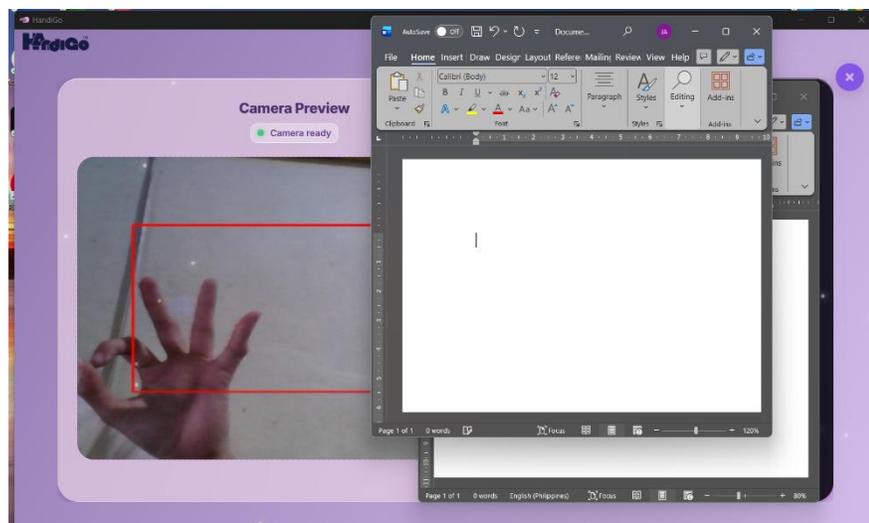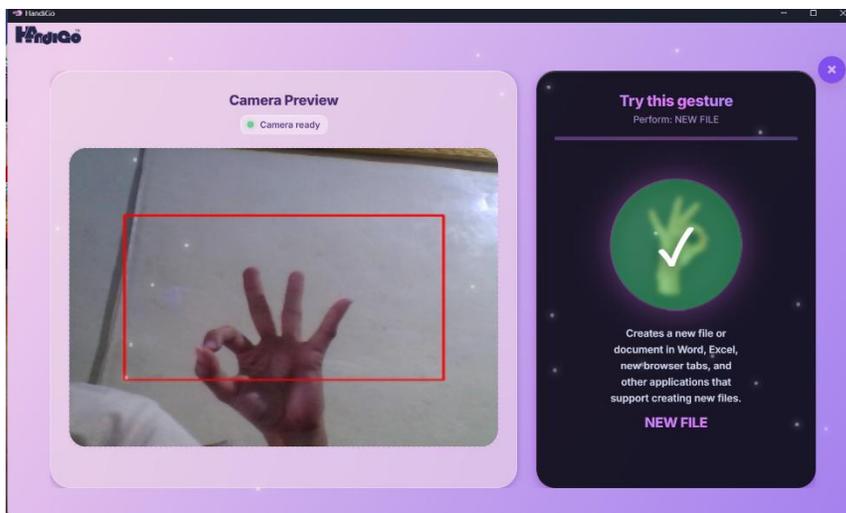
NEXT

This gesture allows the user to move to the next item, slide, or track. It can be used in presentation software such as PowerPoint to advance slides, as well as in multimedia platforms like Spotify or YouTube to skip to the next song or video. By performing this gesture, users can efficiently navigate content without using a keyboard or mouse, improving workflow and providing a more seamless interactive experience.

Type: Non-Customizable

Important: Perform the Neutral Gesture or wait 3 seconds before repeating action to prevent skipping multiple slides or tracks unintentionally.
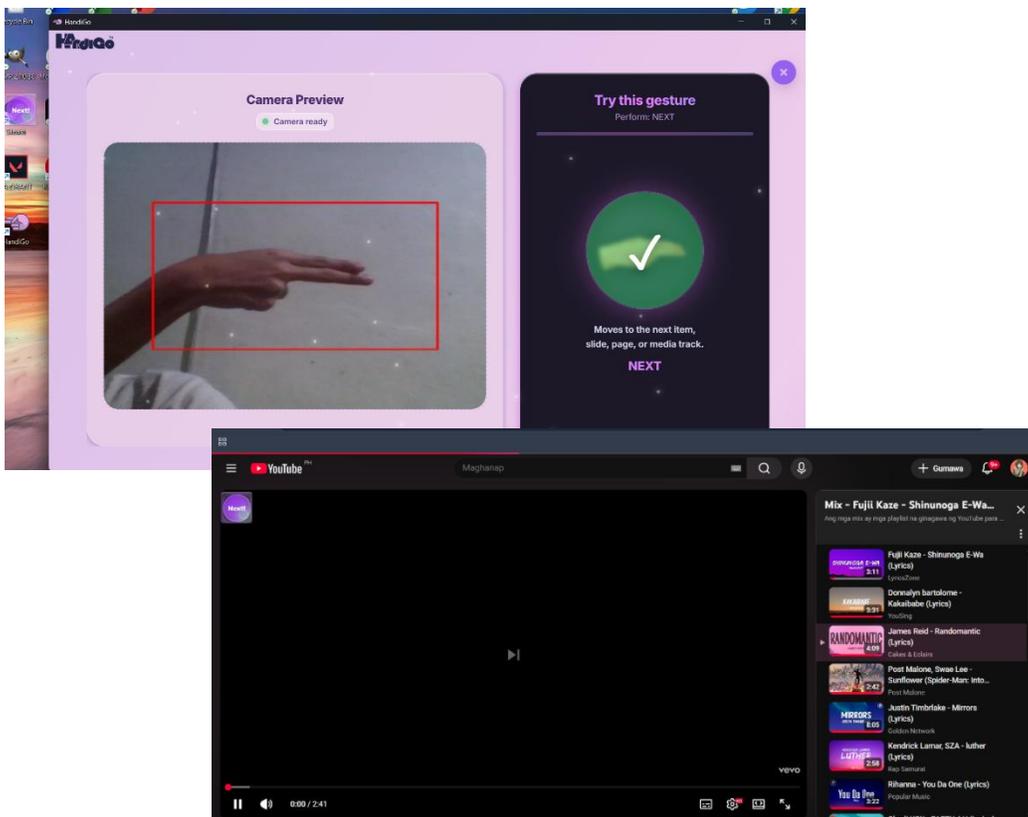
PASTE

This gesture allows the user to paste content from the system clipboard into the active application, functioning similarly to the **Ctrl + V** keyboard shortcut. It enables users to quickly insert text, images, or other copied content without relying on the keyboard or menus. By using this gesture, workflow becomes faster and more efficient, especially during tasks that require frequent copying and pasting across different applications.

Type: Customizable

Important: Make sure you have copied content to your clipboard before performing this gesture. Without copied data, the paste function will not produce any result.
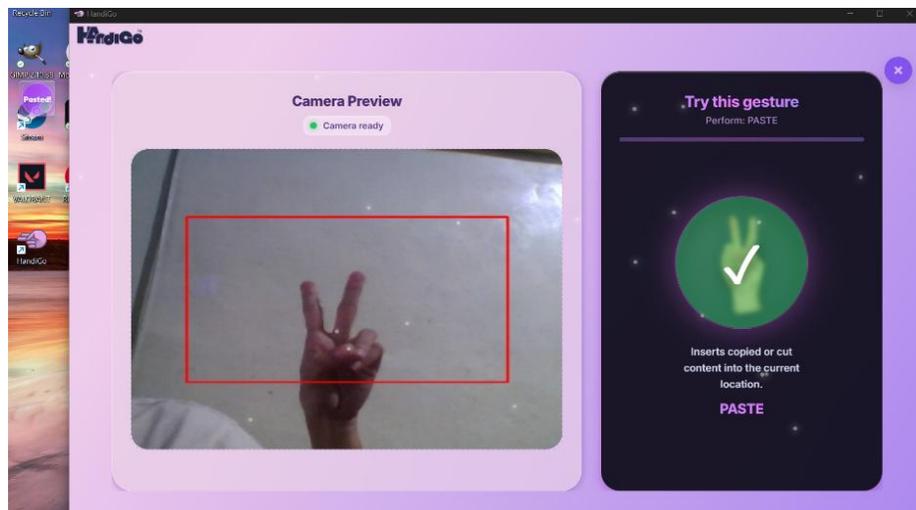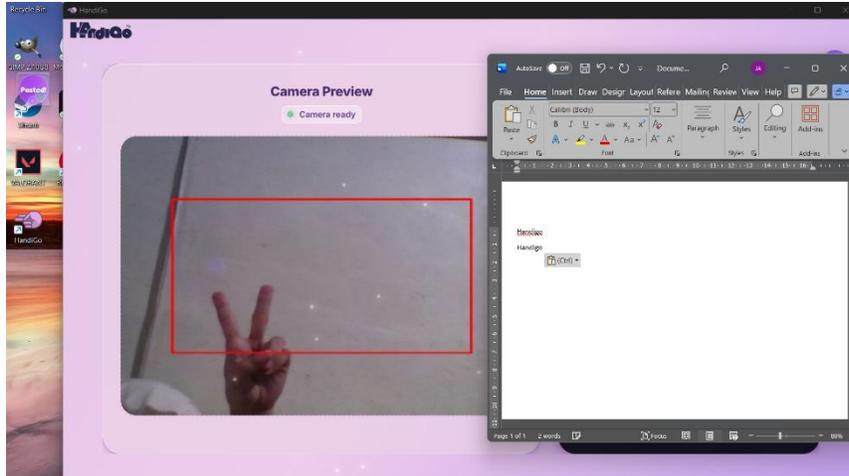
PAUSE / PLAY

This gesture allows the user to toggle between pausing and playing content in presentation software, such as PowerPoint, as well as in multimedia applications like music and video players. By performing this gesture, users can easily control playback without using the keyboard, mouse, or media buttons. This functionality provides a more intuitive and efficient way to manage presentations or media, improving workflow and user convenience.

Type: Customizable

Important: After performing the gesture, wait at least 3 seconds before repeating it. This delay prevents rapid or unintended toggling between pause and play states.
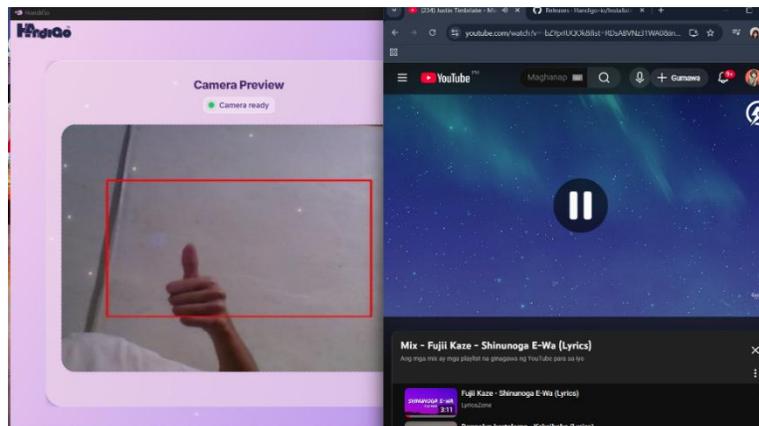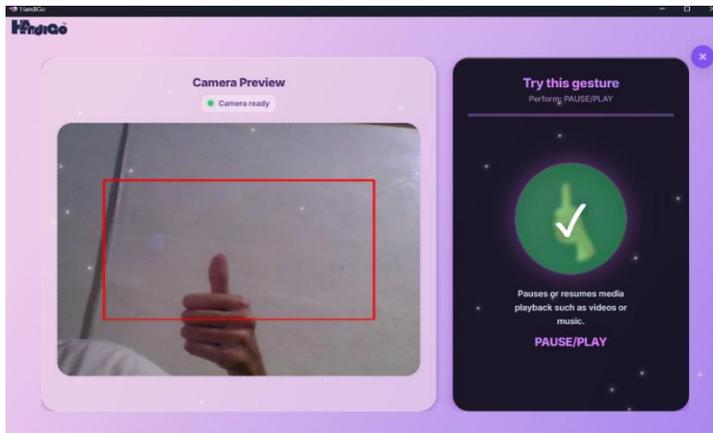
PREVIOUS

This gesture allows the user to navigate to the previous slide in presentation software or return to the previous track or video in multimedia platforms such as Spotify or YouTube. By performing this gesture, users can efficiently move backward through content without using a keyboard or mouse. This function enhances workflow control, providing a seamless and intuitive way to review or revisit content as needed.

Type: Non-Customizable

Important: Use the Neutral Gesture or wait 3 seconds before repeating the action

to avoid skipping multiple slides or tracks unintentionally.
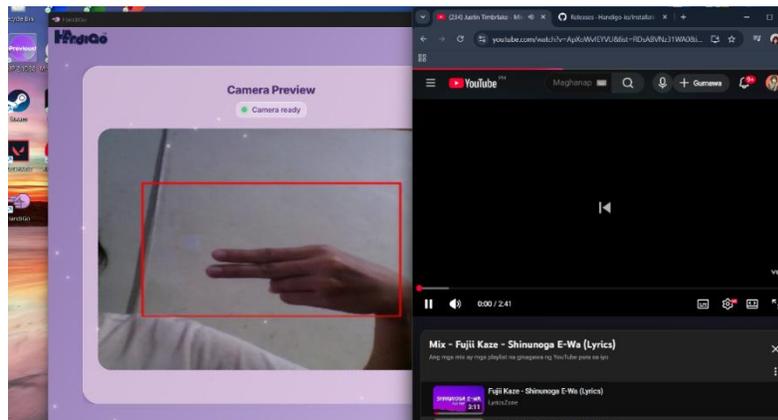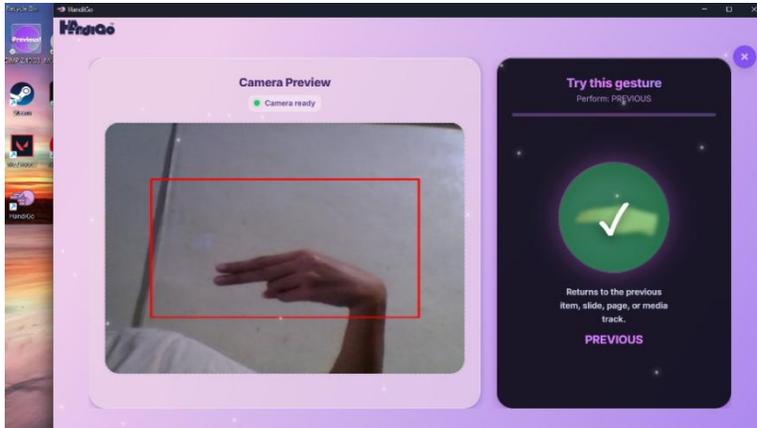
PRINT

This gesture allows the user to open the print dialog of the active application, enabling them to print documents, images, or web pages directly. By performing this gesture, users can quickly access printing options without navigating through menus or using keyboard shortcuts. This function streamlines the printing process, making it faster and more convenient, especially when working with multiple applications or content types.

Type: Customizable

Important: Ensure a document or printable content is open before performing this gesture. Repeated activation may open multiple print dialogs.
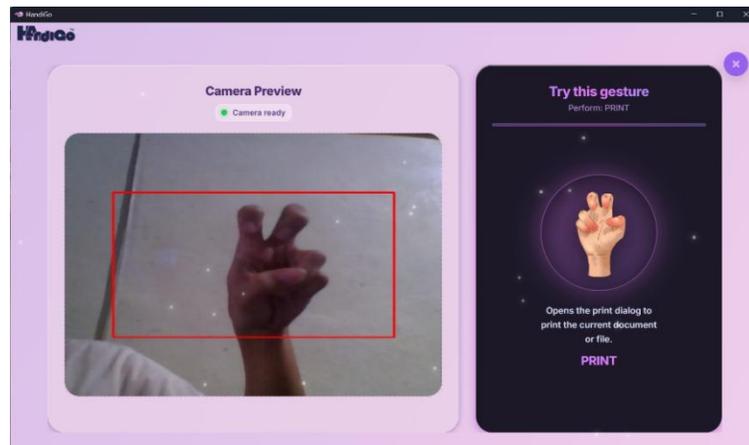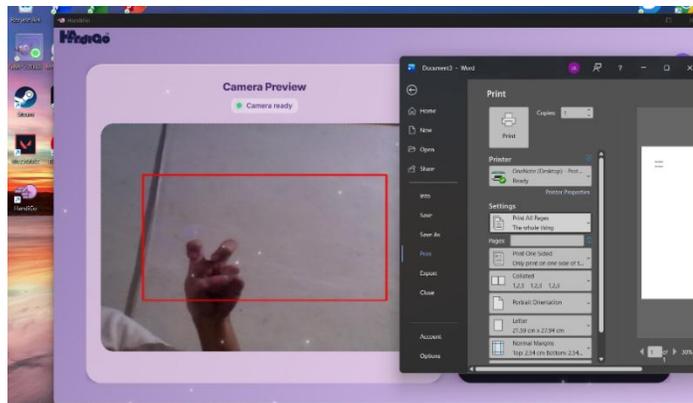

DOUBLE CLICK

This gesture simulates a standard mouse double-click action, allowing the user to open files, launch applications, or select items that require double-click interaction. By using this gesture, users can perform tasks that typically rely on a physical mouse more efficiently and intuitively. This function enhances usability in gesture-

based environments, providing a familiar and seamless way to interact with the system.

Type: Customizable

Important: Position the cursor correctly before performing this gesture to the intended item is selected.
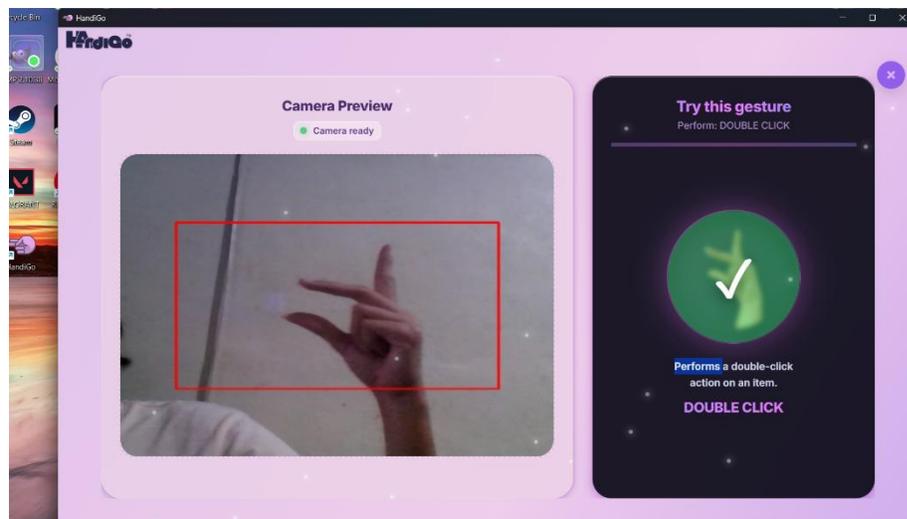

REDO

This gesture allows the user to restore the most recently undone action, functioning similarly to the **Ctrl + Y** shortcut in many applications. By performing this gesture, users can quickly recover actions that were accidentally reversed, improving workflow efficiency and reducing errors. This function provides a convenient and intuitive way to manage edits or changes without relying on keyboard shortcuts.

Type: Customizable

Important: The Redo function will only work if there is a previously undone action available. If no action has been undone, this gesture will have no effect.
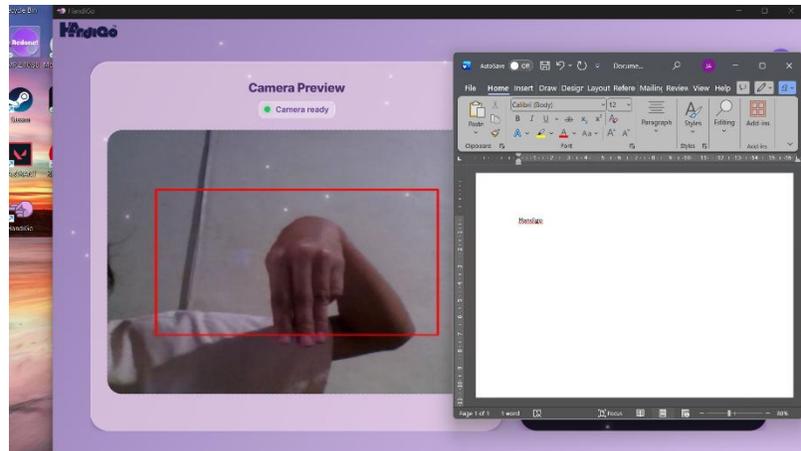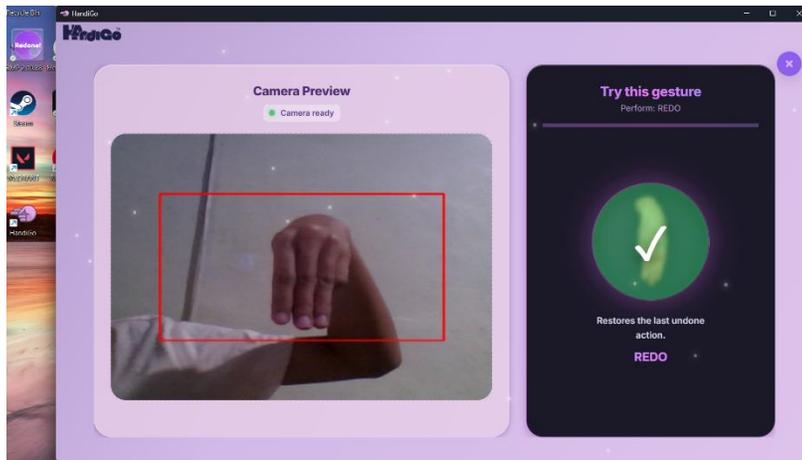
RIGHT CLICK

This gesture simulates a standard mouse right-click action, enabling the user to open context menus and access additional options for files, folders, applications, or selected items. By performing this gesture, users can interact with the system in the same way they would with a physical mouse, providing a familiar and efficient method for managing objects and commands. This function enhances usability and streamlines workflow, particularly in gesture-based or touchless environments.

Type: Non-Customizable

Important: Ensure the cursor is positioned over the intended item before performing this gesture to access the correct context menu.
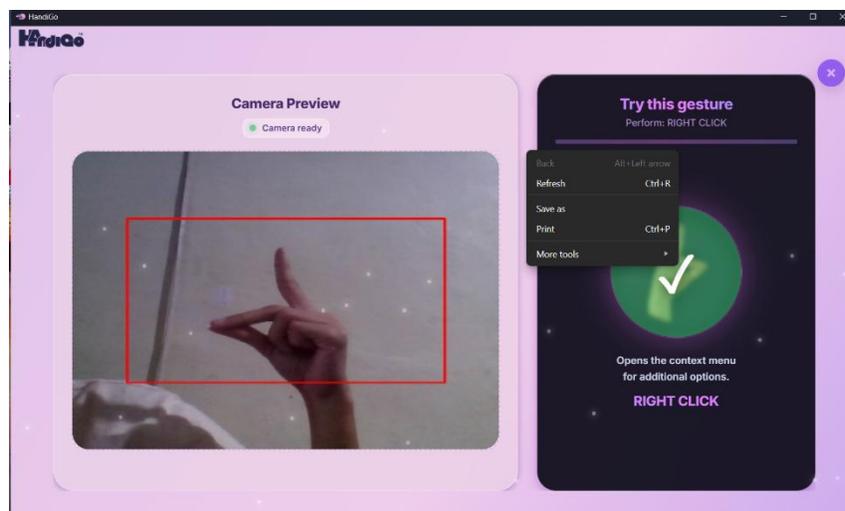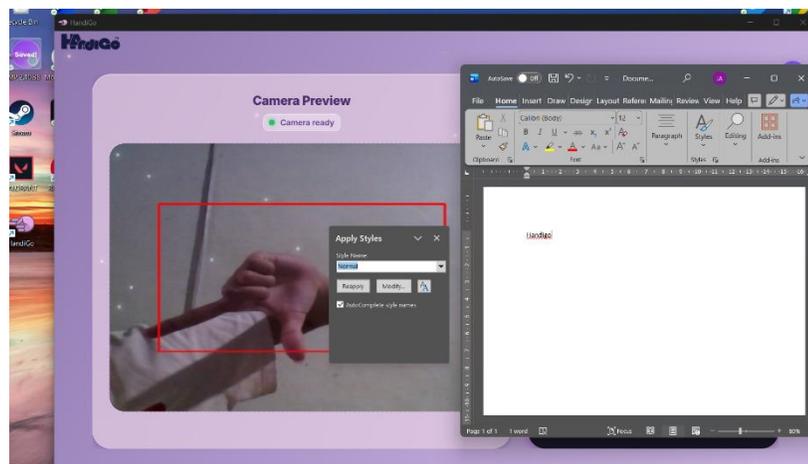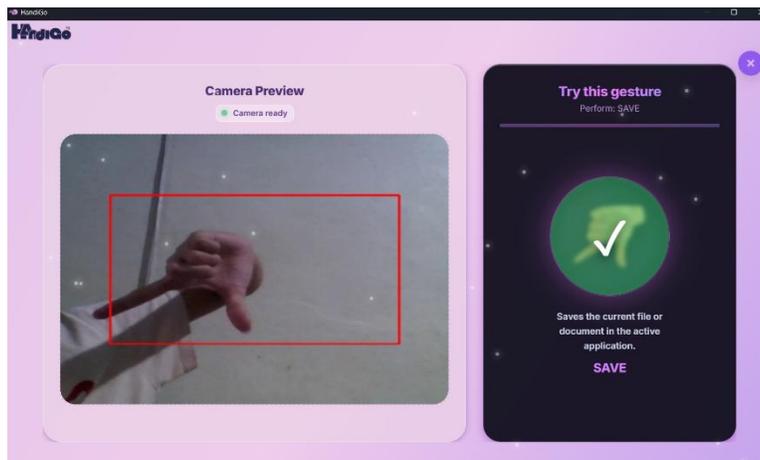

SAVE

This gesture allows the user to save the current document, file, or work in the active application, functioning similarly to the **Ctrl + S** keyboard shortcut. By performing this gesture, users can quickly ensure that their progress is stored without navigating through menus or using a physical keyboard. This function enhances workflow efficiency and helps prevent data loss, making it a convenient and reliable tool across most supported applications.

Type: Customizable

Important: Make sure a document or editable file is open before performing this gesture.
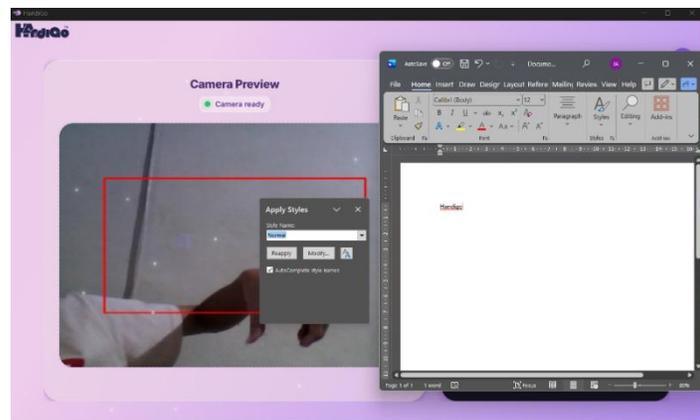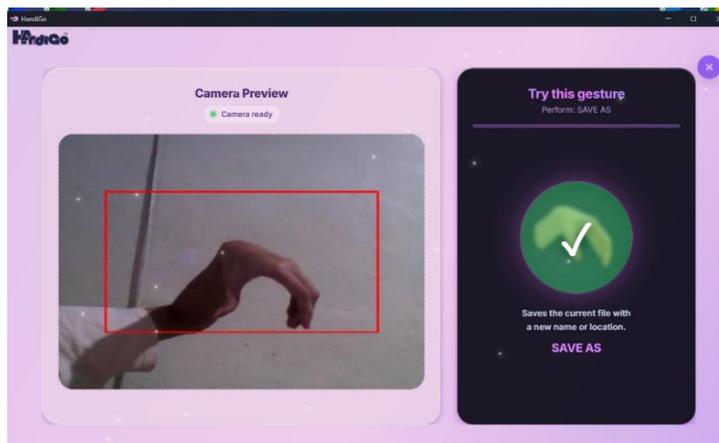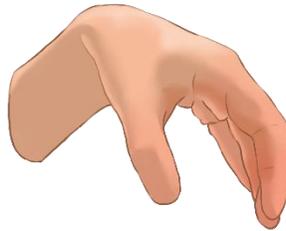

SAVE AS

This gesture opens the "Save As" dialog in the active application, allowing the user to save the current document, file, or work under a different name, format, or location. By performing this gesture, users can efficiently create new versions of their work without overwriting the original file. This function provides greater

flexibility in file management and ensures that content can be organized and stored according to the user's preferences.

Type: Customizable

Important: Ensure there is an active document before performing this gesture. Repeated activation may open multiple Save As dialogs.


SCREENSHOT

This gesture allows the user to capture a screenshot of the current screen or the active window, depending on the system configuration. By performing this gesture,

users can quickly save an image of their workspace, document, or application without using keyboard shortcuts or external tools. This function enhances productivity and convenience, making it easier to document, share, or reference information directly from the system.

Type: Customizable

Important: After performing the gesture, wait briefly before repeating it to prevent multiple screenshots from being taken unintentionally.
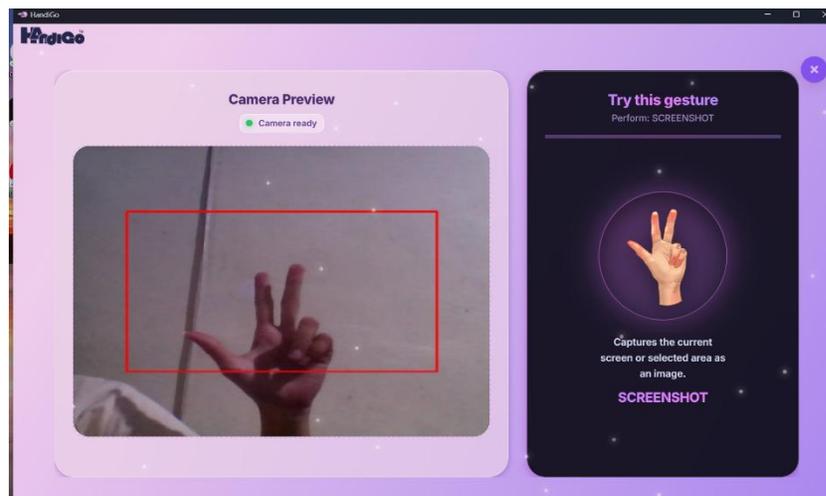

SCROLL

This gesture allows vertical scrolling within applications and web pages. To scroll up, move your hand upward within the camera frame. To scroll down, move your hand downward within the camera frame.

Type: Non-Customizable

Important: Ensure your hand movement is clearly visible within the detection frame. Smooth and controlled motion improves scroll accuracy and prevents unintended rapid scrolling.
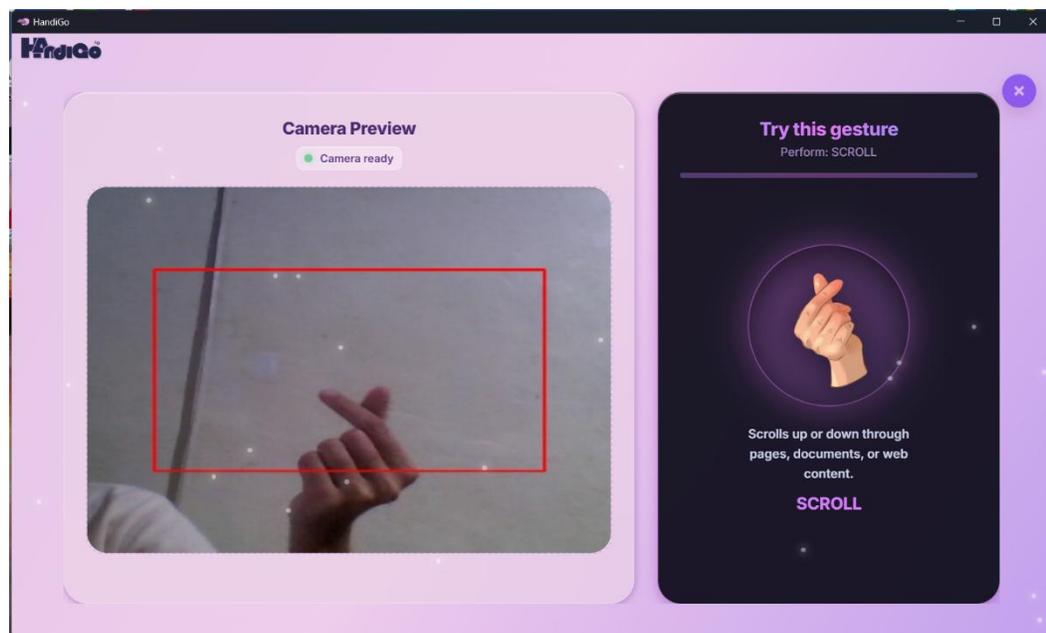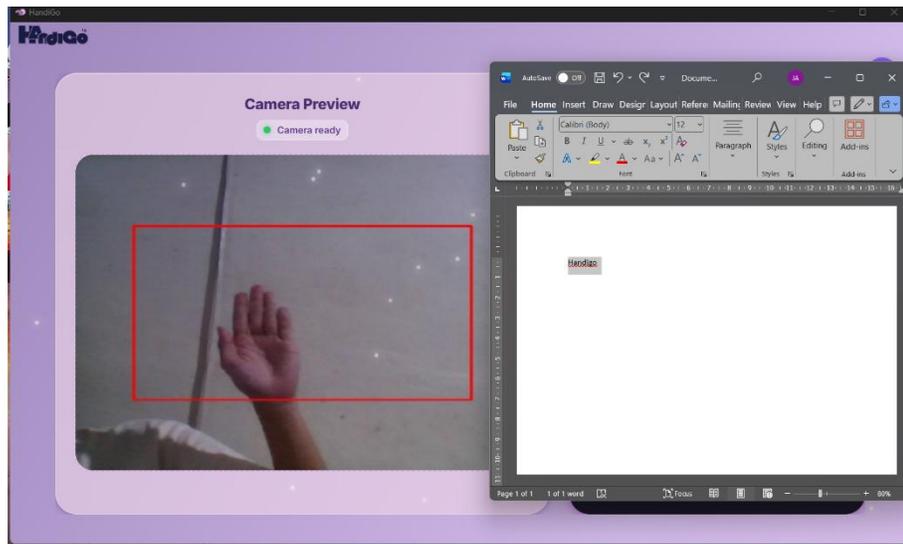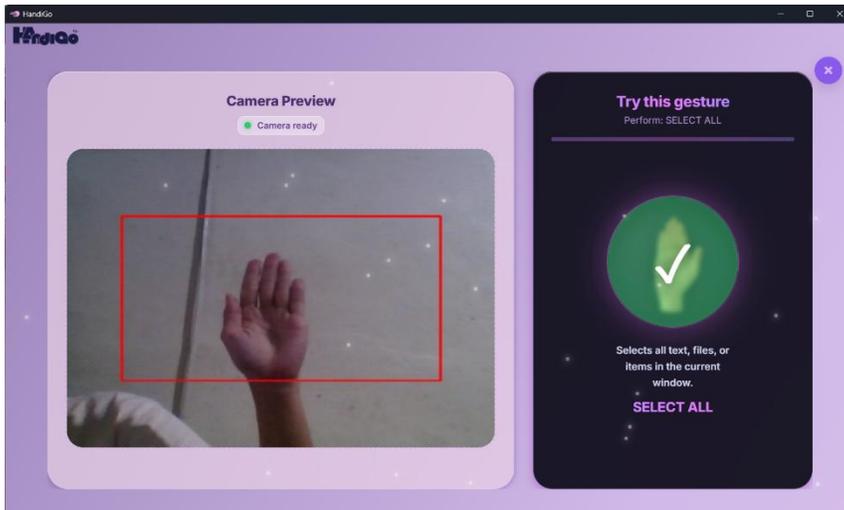

SELECT ALL

This gesture allows the user to select all text or content in the active document or application, functioning similarly to the **Ctrl + A** keyboard shortcut. By performing this gesture, users can quickly highlight entire documents, spreadsheets, or other content without manually dragging the cursor. This function enhances efficiency and convenience, particularly when performing bulk edits, formatting, or copying tasks across various applications.

Type: Customizable

Important: Make sure the cursor is active inside a document or text field before performing this gesture.


TAB

This gesture performs the Tab function, allowing the user to move the cursor to the next field, indentation level, or selectable element within the active application. By

using this gesture, users can efficiently navigate forms, documents, or user interfaces without relying on the keyboard. This function enhances workflow speed and usability, providing a more intuitive method for moving between interactive elements.

Type: Customizable

Important: Ensure the cursor is positioned at the correct location or that a field is selected before performing this gesture. Without an active input area, the action may not produce a visible result.
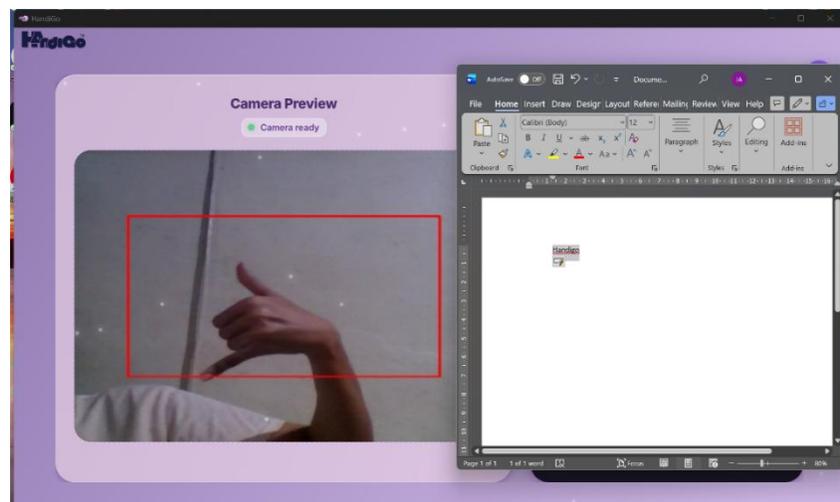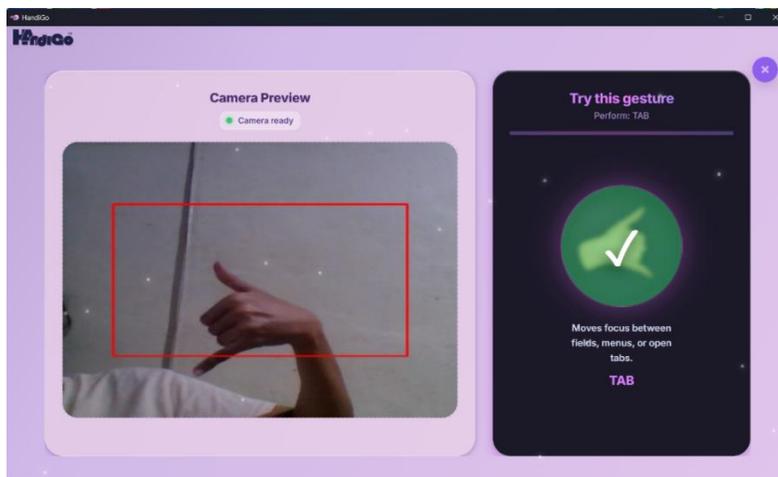
UNDO

This gesture allows the user to reverse the most recent action performed in the active application, functioning similarly to the **Ctrl + Z** keyboard shortcut. By performing this gesture, users can quickly correct mistakes, remove unintended changes, or revert edits without manually undoing each step. This function enhances efficiency, reduces errors, and provides a convenient way to maintain control over workflow across different applications.

Type: Customizable

Important: The Undo function will only work if the application supports history tracking and if there are a previous action to revert. If no prior action exists, the gesture will have no visible effect.
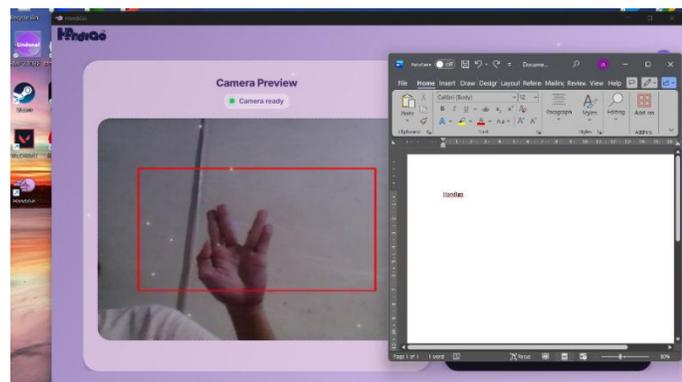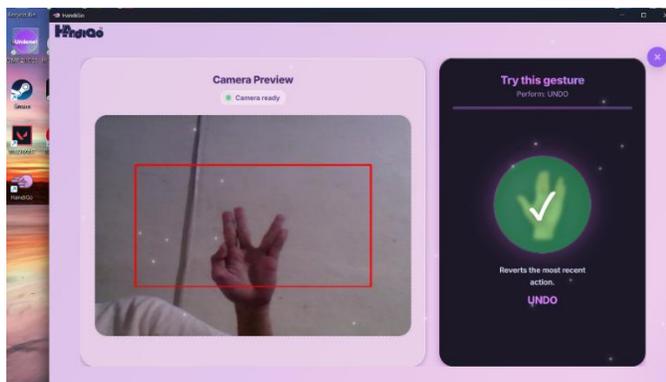
VOLUME ACTIVATOR

This gesture activates the system volume control. Once activated, you can adjust the volume by positioning your hand within the camera frame. Move your hand toward the left side of the frame to decrease the volume, and toward the right side of the frame to increase the volume.

Type: Customizable

Important: Ensure your hand remains clearly visible within the detection frame while adjusting the volume. Smooth movement improves accuracy and prevents sudden volume changes.
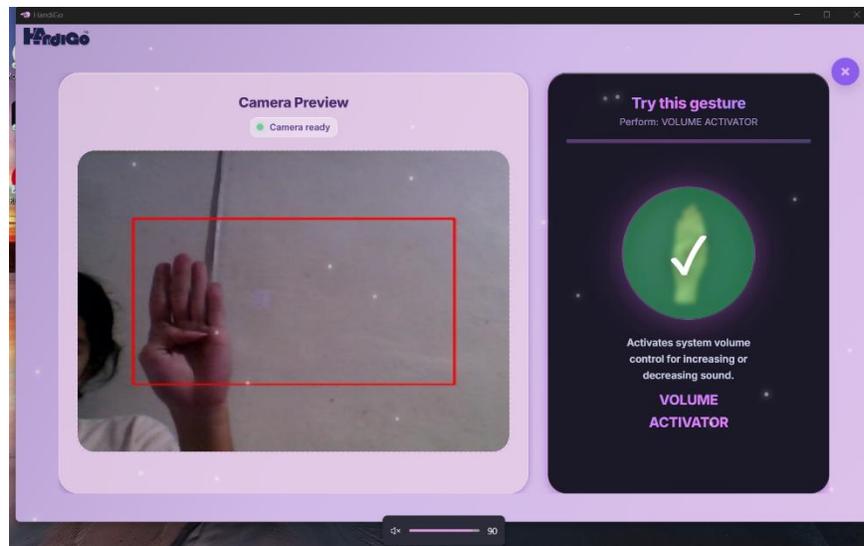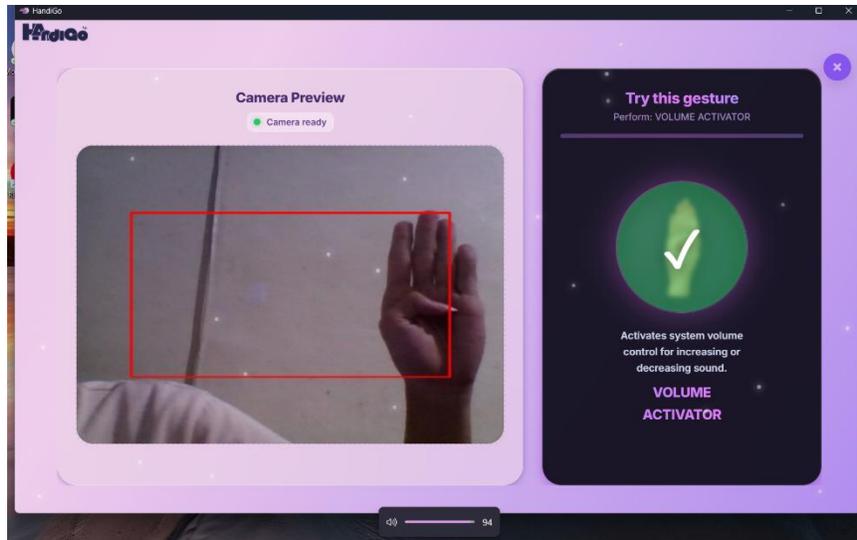
WORD ACTIVATOR

This gesture allows the user to open Microsoft Word instantly. If Word is already running, performing the gesture again will close the application. This function provides a quick and convenient way to launch or exit the program without using the keyboard or mouse, improving workflow efficiency and making application management faster and more intuitive.

Type: Non-Customizable

Important: Wait at least 3 seconds before performing the gesture again to toggle Word open or closed. This delay prevents unintended repeated activation.
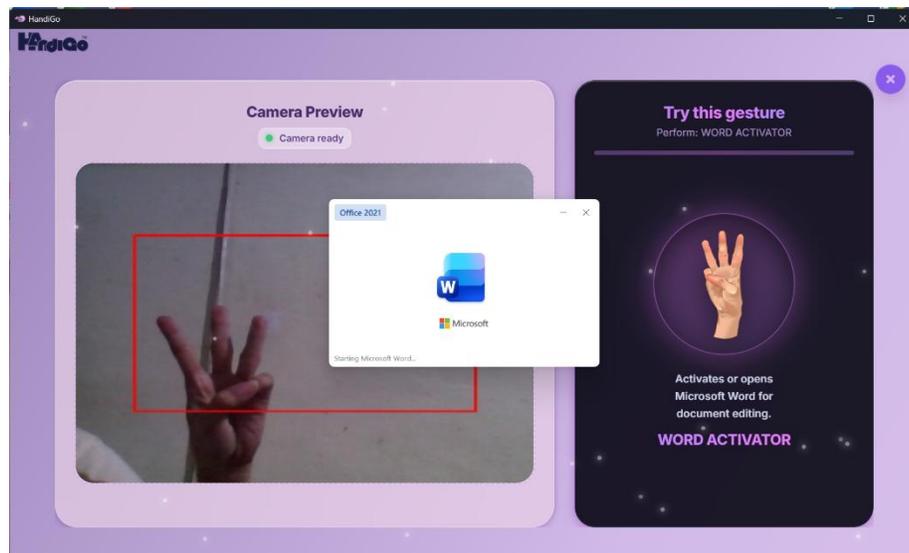
On-Screen Keyboard

The On-Screen Keyboard is an on-screen keyboard that allows you to type without using a physical keyboard. It can appear embedded inside the application or as a movable floating keyboard anywhere on your screen.

HOW IT APPEARS

The keyboard automatically appears when you select:

- Text fields

- Search bars
- Password fields
- Text areas

It automatically hides when:

- You click or tap outside the input field
- You press the Close key

KEYBOARD FEATURES

Full Keyboard Layout

Includes letters (A–Z), numbers (0–9), special characters, and space bar.

Action Keys

- Backspace – Deletes one character
- Tab – Moves to the next field
- Caps Lock– Toggles capital letters
- Shift – Capitalizes one letter
- Enter – Submits or creates a new line
- Space – Inserts a space
- Mic – Activates speech-to-text
- Clear – Deletes all typed text
- Close – Hides the keyboard

WORD SUGGESTIONS

Suggestions appear above the keyboard while typing. Tap a suggestion to insert it instantly.

- Completes words
- Corrects spelling
- Suggests the next word
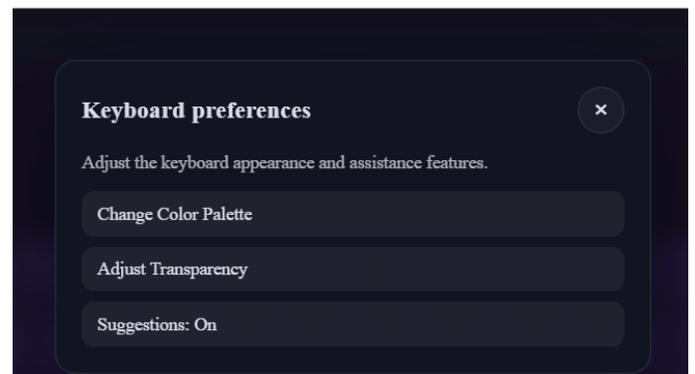- You can enable or disable suggestions from the keyboard menu

SPEECH TO TEXT

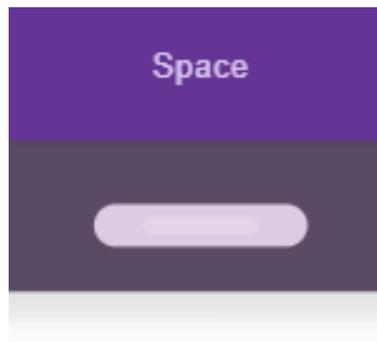Tap the Mic key and speak clearly. Your voice will automatically convert into text. Tap again to stop recording.
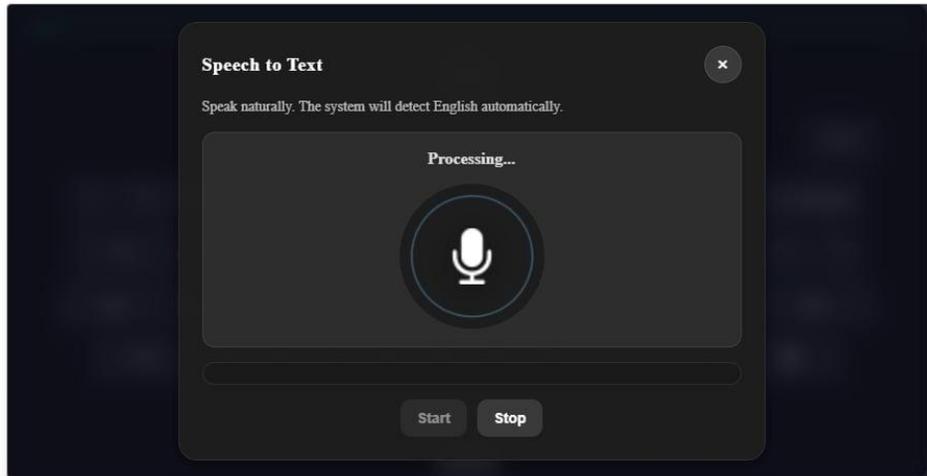
MOVE & RESIZE

Move: Drag the keyboard using the top bar. The top bar also functions as the menu button — click it to open the keyboard settings.

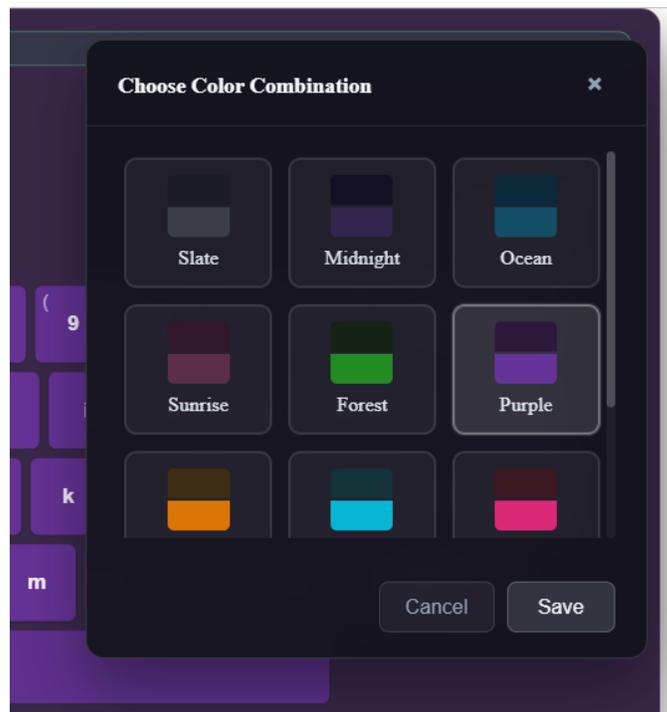**Resize**: Drag the resize handle to adjust size.

POSITION OPTIONS

You can place the keyboard in:

- Top Left
- Top Center
- Top Right
- Bottom Left
- Bottom Center
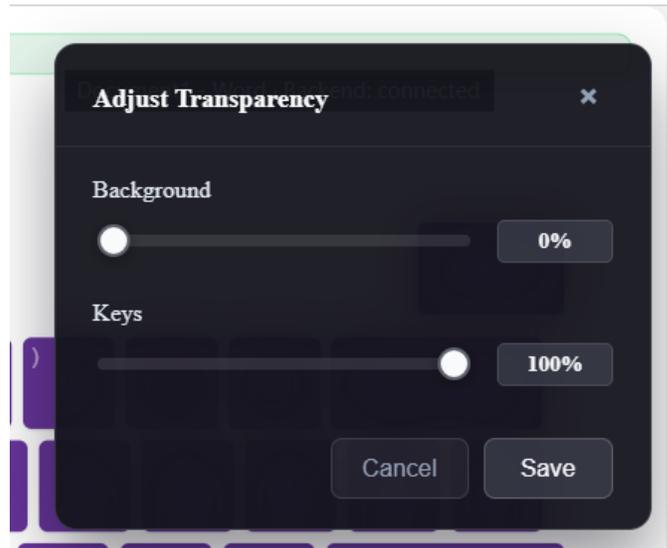- Bottom Right
- Or drag it anywhere freely

APPEARANCE

Customize the keyboard appearance:

- Color Themes – Choose preset palettes

- Transparency – Adjust the keyboard transparency

AUTO SAVE

The keyboard automatically saves your size, position, theme, transparency, and suggestion settings. These are restored the next time you use the keyboard.