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import cv2
from cvzone.HandTrackingModule import HandDetector
from pynput.keyboard import Key, Controller
import pyautogui
import speech_recognition as sr
# Initialize the speech recognizer
recognizer = sr.Recognizer()
# Function to recognize speech
def recognize_speech():
  with sr.Microphone() as source:
     print("Listening for command...")
     recognizer.adjust_for_ambient_noise(source)
     audio = recognizer.listen(source)
  try:
     command = recognizer.recognize google(audio)
     print("Command:", command)
     return command.lower()
  except sr.UnknownValueError:
     print("Could not understand audio.")
  except sr.RequestError as e:
     print("Could not request results; {0}".format(e))
# Function to click start button
def click_start_button():
  # Simulate a mouse click at a specific location on the screen for the start button
  x, y = 1466, 900
  pyautogui.click(x, y)
# Initialize video capture
cap = cv2.VideoCapture(0)
cap.set(3, 720)
cap.set(4, 420)
# Initialize hand detector
detector = HandDetector(detectionCon=0.7, maxHands=1)
# Initialize keyboard controller
keyboard = Controller()
# Main loop
while True:
```

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_, img = cap.read()
  hands, img = detector.findHands(img)
  if hands:
     fingers = detector.fingersUp(hands[0])
     if fingers == [0, 0, 0, 0, 0]: # Gesture for applying brake
       keyboard.press(Key.left)
       keyboard.release(Key.right)
     elif fingers == [1, 1, 1, 1, 1]: # Gesture for applying gas
       keyboard.press(Key.right)
       keyboard.release(Key.left)
     elif fingers == [1, 1, 0, 0, 1]: # Gesture for clicking the pause symbol
       # Simulate a mouse click at a specific location on the screen for the pause symbol
       x, y = 1835, 361
       pyautogui.click(x, y)
     elif fingers == [0, 1, 0, 0, 0]: # Gesture for restart
       # Simulate a mouse click at a specific location on the screen for the edit button
       x, y = 1466, 773
       pyautogui.click(x, y)
     elif fingers == [0, 1, 1, 0, 0]: # Gesture for resuming
       # Simulate a mouse click at a specific location on the screen for the resume button
       x, y = 1466, 810
       pyautogui.click(x, y)
     elif fingers == [1, 0, 0, 0, 0]: # Gesture for exit
       # Simulate a mouse click at a specific location on the screen for the restart button
       x, y = 1466, 850
       pyautogui.click(x, y)
  else:
     keyboard.release(Key.left)
     keyboard.release(Key.right)
  # Check for voice command to start the game
  command = recognize speech()
  if command == "start":
     click_start_button()
  cv2.imshow("problem solving", img)
  if cv2.waitKey(1) == ord("q"):
     break
cv2.destroyAllWindows()
```