**USB Monitoring Script**

This script is designed to monitor the insertion and removal of USB devices on your system and notify you via email whenever a change is detected. It uses Python's psutil library to detect USB events and the smtplib library to send email notifications.

**Features**

* Detects when a USB device is inserted or removed.
* Sends email notifications for USB insertion and removal events.
* Configurable email sender and receiver details.

**Prerequisites**

1. Python 3.x installed on your system.
2. An email account with an app-specific password for SMTP (e.g., Gmail).
3. Required Python libraries installed.

**Installation**

1. Clone or download this repository.
2. Install the required dependencies by running:

pip install -r requirements.txt

**Usage**

1. Open the script file (usb\_monitor.py) and configure the following variables:
   * sender\_email: Your email address (e.g., pawansalikanti1729@gmail.com).
   * receiver\_email: The email address where notifications will be sent.
   * password: App-specific password for your email account.
2. Run the script:

python usb\_monitor.py

1. The script will monitor USB device insertion and removal events and send email notifications.

**How It Works**

1. The check\_for\_usb() function scans the system for removable disk partitions using the psutil library.
2. The monitor\_usb() function runs an infinite loop to monitor changes in USB state every 5 seconds.
3. When a USB device is inserted or removed, an email notification is sent using the send\_email\_smtp() function.

**Sample Email Notifications**

* **Subject**: USB Device Inserted  
  **Body**: A USB device has been inserted into your laptop.
* **Subject**: USB Device Removed  
  **Body**: The USB device has been removed from your laptop.

**Requirements File**

The required libraries for this script are listed in the requirements.txt file:

psutil

smtplib

email

**Notes**

* This script uses Gmail for sending emails. Ensure you have enabled "Allow less secure apps" or generated an app-specific password for your Gmail account.
* To modify the monitoring interval, adjust the time.sleep(5) statement in the monitor\_usb() function.

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