```
        if sum(de) > (detection_thresh/2):

            if initial_time is None:
                initial_time = time.time()

        elif initial_time is not None:

            # If the patience has run out and the person is still not detected then set
the status to False
            # Also save the video by releasing the video writer and send a text
message.
            if time.time() - initial_time >= patience:
                status = False
                exit_time =
datetime.datetime.now().strftime("%A, %I:%M:%S %p %d %B %Y")
                # out.release()
                initial_time = None

                body = "Alert: n A Person Entered the Room at {} n Left the room
at {}".format(
                    entry_time, exit_time)
                print(body)
                send_message(body, info_dict)

    # If significant amount of detections (more than half of detection_thresh) has
occured then we reset the Initial Time.
    elif status and sum(de) > (detection_thresh/2):
        initial_time = None

    # Get the current time in the required format
    current_time =
datetime.datetime.now().strftime("%A, %I:%M:%S %p %d %B %Y")

    # Display the FPS
    cv2.putText(annotated_image, 'FPS: {:.2f}'.format(
        fps), (510, 450), cv2.FONT_HERSHEY_COMPLEX, 0.6, (255, 40, 155),
2)

    # Display Time
    cv2.putText(annotated_image, current_time, (310, 20),
                cv2.FONT_HERSHEY_COMPLEX, 0.5, (0, 0, 255), 1)

    # Display the Room Status
```