EXHIBIT INDEX TO COMPLAINT

Exhibit No.	Description
1	Annotated screenshot of September 7–11, 2020 Twitter thread by @ejohnson99
2	Printout of software code excerpt re algorithm metrics
3	Printout of software code excerpt re comparison metrics
4	Printout of software code excerpt re exam termination reasons
5	Printout of software code excerpt re blacklisted programs
6	Screenshot of September 7–8, 2020 Twitter messages between Erik Johnson and Mike Olsen
7	October 19, 2020 email from Twitter Support to E. Johnson re DMCA notice
8	Screenshot of November 11, 2020 Twitter thread by @ejohnson99
9	November 25–December 9, 2020 email thread between GitHub Support and Erik Johnson re DMCA notice

Exhibit 1

Erik Johnson @ejohnson99 · Sep 7, 2020   ...

Hey @proctorio @artfulhacker How do you explain this?
You have strings referencing

"A Proctorio agent will review and verify the test taker's room scan"
and
"live id check"

All while still saying that professors are the only ones who can access
recordings and look at students?

💬 14   ⟲ 205   ♡ 405   ↥

Erik Johnson @ejohnson99 · Sep 7, 2020   ...

"Test takers will connect to a live human based on suspicion level during
the exam" - seemingly, if you raise enough flags to the algorithm during
your exam, Proctorio's "agents" will spy on you.
These so-called "agents" appear to have full access to the feed of
students' exams.

💬 1   ⟲ 11   ♡ 128   ↥

Erik Johnson @ejohnson99 · Sep 7, 2020   ...

While "verifying room" they can take actions through a UI prompt asking
them "How should Proctorio respond to Verify Room violations?" options
are:
- Interrupt the exam to ensure compliance
- Immediately remove the test taker from the exam
- Add incident to Proctorio Gradebook

💬 1   ⟲ 8   ♡ 103   ↥

Erik Johnson @ejohnson99 · Sep 7, 2020   ...

Here's a list of metrics Proctorio looks for & flags:
- Changes in audio levels
- Abnormal clicking
- Abnormal copy & pastes
- Abnormal exam duration
- End times
- Eye movement
- # of faces
- Head movement
- Abnormal movement of mouse
& more pastebin.com/2Kbez442

💬 3   ⟲ 20   ♡ 114   ↥

DOCKET
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Erik Johnson @ejohnson99 · Sep 7, 2020   ...

They use these metrics to compare you to other students in the class, flagging students and their deviation away from the average number of
- copy/pastes
- resizes
- audio spikes
- head & eye movements
- mouse movements
- keystrokes

pastebin.com/PtPiv8sM

🗨 2   ↻ 6   ♡ 89   ⬆

Erik Johnson @ejohnson99 · Sep 7, 2020   ...

Your attempt can be terminated if...
- 2+min disconnection
- Attempt to modify page
- Attempt to download a file
- Plugged in a monitor
- (Un)plugged camera/mic
- "hardware malfunction"
- Switched networks
- Switched Proxies
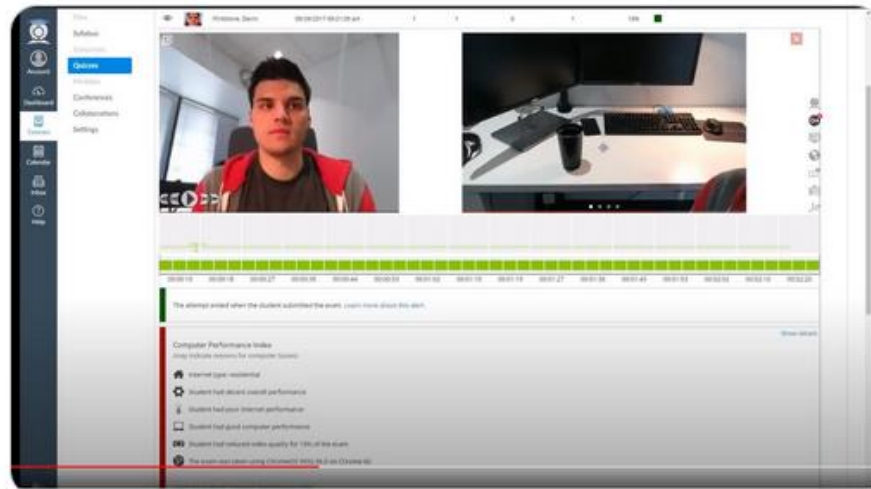- Reloaded tab

pastebin.com/gWtv3V9x

🗨 2   ↻ 11   ♡ 91   ⬆

Erik Johnson @ejohnson99 · Sep 7, 2020   ...

In some cases, you will have to scan your room. At the begining of the exam, and during if your suspicion level raises. Proctorio compiles the footage into a street-view like 360 image of your room/house that your professor can access and seemingly proctorio "agents" too.

🗨 2   ↻ 15   ♡ 83   ⬆

Erik Johnson @ejohnson99 · Sep 7, 2020   •••

If you have a poor internet connection, Proctorio isn't so nice about it...
"No, your connection is terrible and you will experience issues during an
exam. If you decide to take an exam on this connection we will notify your
institution you were warned and ignored the warning."

  💬 2   🔁 8   ❤️ 101   📤

Erik Johnson @ejohnson99 · Sep 7, 2020   •••

The Proctorio chrome extension "self-destructs" and uninstalls itself if it
sees a chrome devtools window open, and redirects students to this
page in an attempt to scare them. lti.proctor.io/hacker It doesn't lock your
IP and it doesn't forward anything to an admin.

Smile!

Whoops...

You just tried to hack Proctorio and were caught. Your IP has
been locked and evidence is being forwarded to your school admin.

  💬 1   🔁 58   ❤️ 168   📤

Erik Johnson @ejohnson99 · Sep 7, 2020   •••

A similar thing happens if it detects a proxy az545770.vo.msecnd.net
/lti/proxy or a network interception az545770.vo.msecnd.net/lti/intercept
On the topic of proxies/network auditing, Proctorio seemingly routes ALL
of your chrome browsing traffic through their servers and hides it from
any tools.

  💬 1   🔁 12   ❤️ 85   📤

Erik Johnson @ejohnson99 · Sep 7, 2020   •••

This isn't just active when you're taking a test, it ALWAYS does this if it's
installed. For example, if you open Charles/Burp with the proctorio
extension installed, you won't see ANY of your network traffic from
chrome. I can't see where it's sending data because no DevTools.

  💬 2   🔁 14   ❤️ 101   📤

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