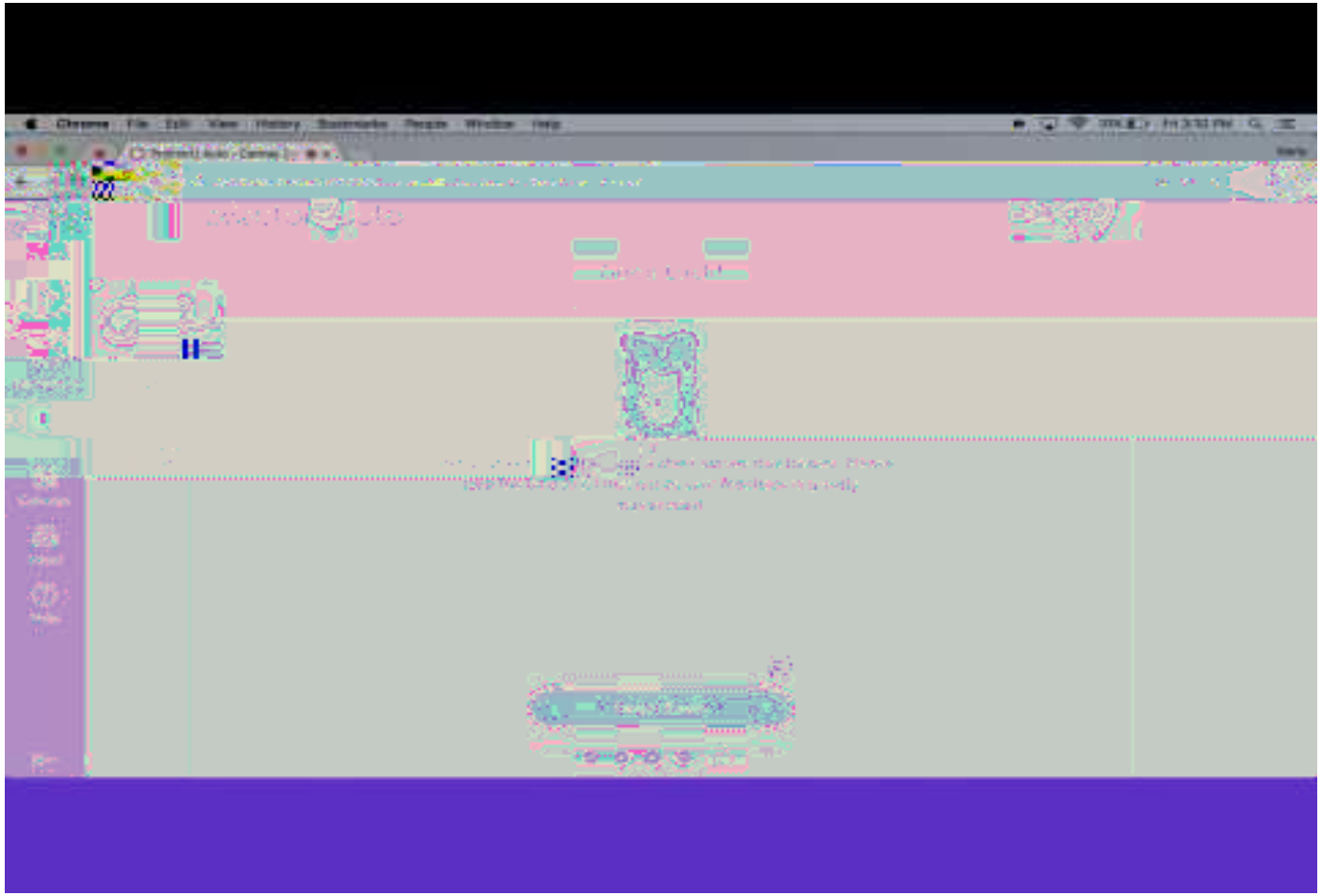
“invigilation of exam-takers remotely, using audio and video and other anti-

Before the Assessment

•The exam is conducted on a secure browser, which prevents the test-taker from

What It Is Like to Take an Exam Proctored by ProctorU



AI Technologies Used During the Assessment

Voice Recognition
Pick up sounds and match it with the background noise to remove instances of cheating by recognizing speech patterns.

- **Facial Recognition**
From identity verification to detecting new faces within a testing environment, facial recognition can be used in multiple ways.

- **Eye Movement Detection**
AI-

Different Types of Online Proctoring

Live Proctoring

Human invigilator monitors the exam via webcam

- Recorded Proctoring

Audio visual and screen sharing is recorded and later reviewed

- Auto proctoring

AI-based proctoring monitors the exam live

Comparison

Conventional method	Online AI Proctoring
Book a physical venue in advance	No booking required
Logistical execution	No logistic hassle
Dedicating invigilators for every exam room	Software to invigilate
Geographical restriction	Wider reach
Use lots of paper	Environmentally friendly
Pencils and erasers	Computer, high-speed internet and webcam

Advantages

- Effectiveness in (Not a consensus, but...):
- Promoting Learning (Okada & Scott, 2015; Wellman, 2005)
- Catching Cheating (Harmon & Lambrinos, 2008; Daffin & Jones, 2018)
-

interaction with examiner is fast and objective. It is possible to attend the event anywhere through

Disadvantages

- Technical Problems:
  - Get flagged for looking at the clock
  - Problems with computer (e.g., windows size, 7-hour exam because could not log in, change settings)
  -