Who Is Really Doing The Work In Your Online Courses?

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April 2019 / Denver, CO / OLC Innovate

Let’s talk about authentication and attendance …

- Recorded session will be sent to all participants
- What role does authentication play in academic integrity?
- How can you tell who is doing the work in your online courses?
- Why is tracking attendance in online courses financially important for your institution?
- SmarterID demonstration
- Q&A
- Closing survey

SmarterServices™

2002 - Year Established

600 Global Clients

8 Statewide Consortia

20 Conferences Per Year

Clients Include:

SNHU, WGU, UMUC, MDC, PSU, Walden, All CA Community Colleges

FACTS About SmarterServices

Partnerships with Google, ProctorU, Examity, RegisterBlast, Blackboard, Canvas, D2L and more.

Many institutions have been clients for over a decade.

Awarded the Governor's Trade Excellence award for our work in internationally exporting services from Alabama

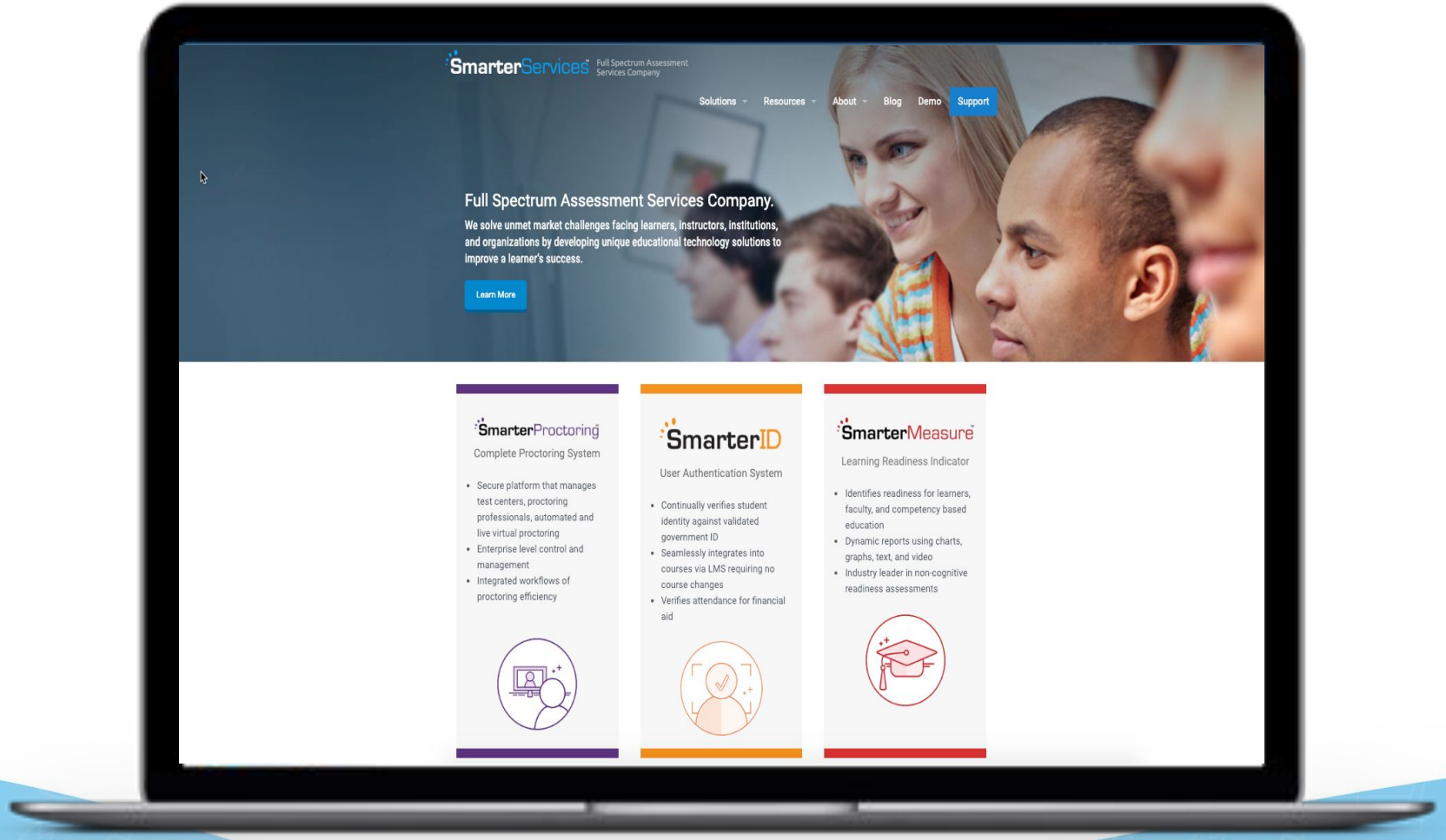
Innovative Services

SmarterID is the industry pioneer in course-located facial recognition meeting financial aid regulations & accrediting standards

SmarterMeasure LRI has been taken by over 4.7 million students

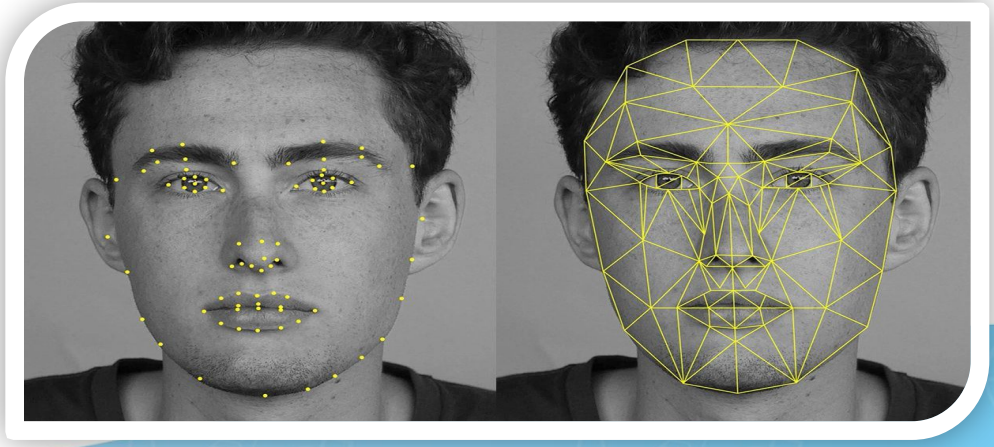
SmarterProctoring is the industry's only complete proctoring management system

SmarterServices.com



Get all A’s for True Academic Integrity

- **Authorized Access**
- **Assessment Auditing**
- **Active Authentication**
- **Attendance Auditing**



Higher Education Opportunity Act (HEOA) of 2008

"Requires institutions that offer distance education or correspondence education to have processes in place through which the institution establishes that the student who registers in a distance education or correspondence education course or program is the same student who participates in and completes the course or program and receives the academic credit. The agency meets this requirement if it— 1. Requires institutions to verify the identity of a student who participates in class or coursework by using, at the option of the institution, methods such as: a. A secure login and pass code; b. Proctored examinations; and c. New or other identification technologies that are effective in verifying student identification."

Weaknesses of HEOA

- Mentions the action when a student "participates in" such courses, but compliance with such participation is not measured by the minimum acceptable authentication strategy of user names and passwords.
- Applies only to distance education and correspondence courses.
- No further guidance has been provided on this matter since 2008.

Findings of 2013 Audit by the Office of Inspector General

- Audit found that distance education programs at eight colleges disbursed nearly $222 million to more than 42,000 students who did not earn any credits during a payment period.
- The report concludes that federal rules regarding identity verification "do not sufficiently mitigate the risks of fraud, abuse, and noncompliance."
- Recommended that "participating in" be measured by academic activities such as (1) submitting discussion board postings, (2) completing assignments, or (3) initiating contact with faculty.

Why is Tracking Attendance Financially Important For Your School?

Persons intending to commit financial aid fraud often get the grant or loan and then never show up for class. Attendance tracking can identify and document this. Schools are required to report attendance for federal financial aid recipients.

Section 435(a)(2) of the Higher Education Act of 1965, as amended (the HEA) provides that institutions lose eligibility to participate in the Federal Direct Loan and Federal Pell Grant programs when the institution's federal student loan Cohort Default Rate exceeds 30 percent for each of the three most recently completed federal fiscal years beginning with federal fiscal year 2015. Under Section 435(a)(7) of the HEA, an institution that has a Cohort Default Rate of 30 percent or greater for any one federal fiscal year is required to establish a Default Prevention Task Force to reduce defaults and prevent the loss of institutional eligibility. HBCUs and Navajo Community Colleges are exempt from this regulation.

https://www2.ed.gov/offices/OSFAP/defaultmanagement/cdr.html

https://www2.ed.gov/offices/OSFAP/defaultmanagement/dmd002.html

Recommended Strategy?

A comprehensive strategy is for a school to enterprise-wide use user names and passwords to ensure authorized access, proctored exams to provide assessment auditing, and SmarterID to ensure active authentication and attendance auditing.

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The Federal Government Had a Crystal Ball

"… a. A secure login and pass code; b. Proctored examinations; and c. New or other identification technologies that are effective in verifying student identification."

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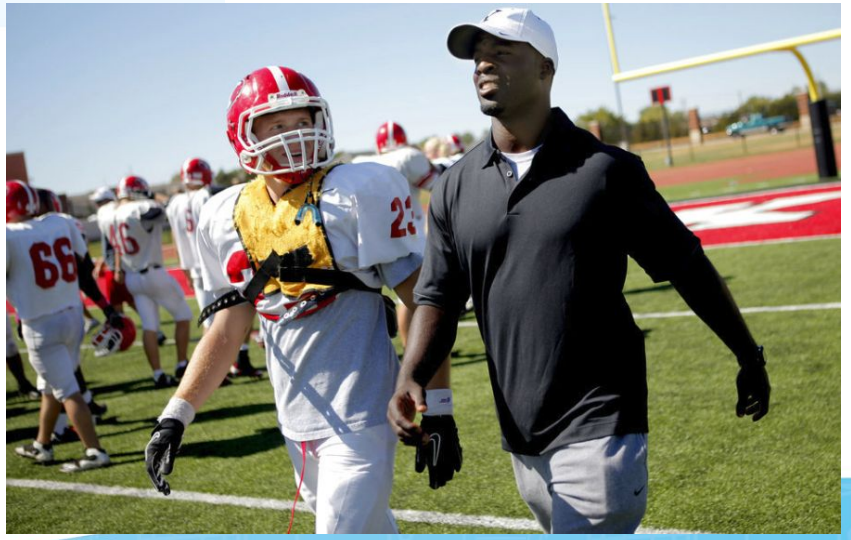
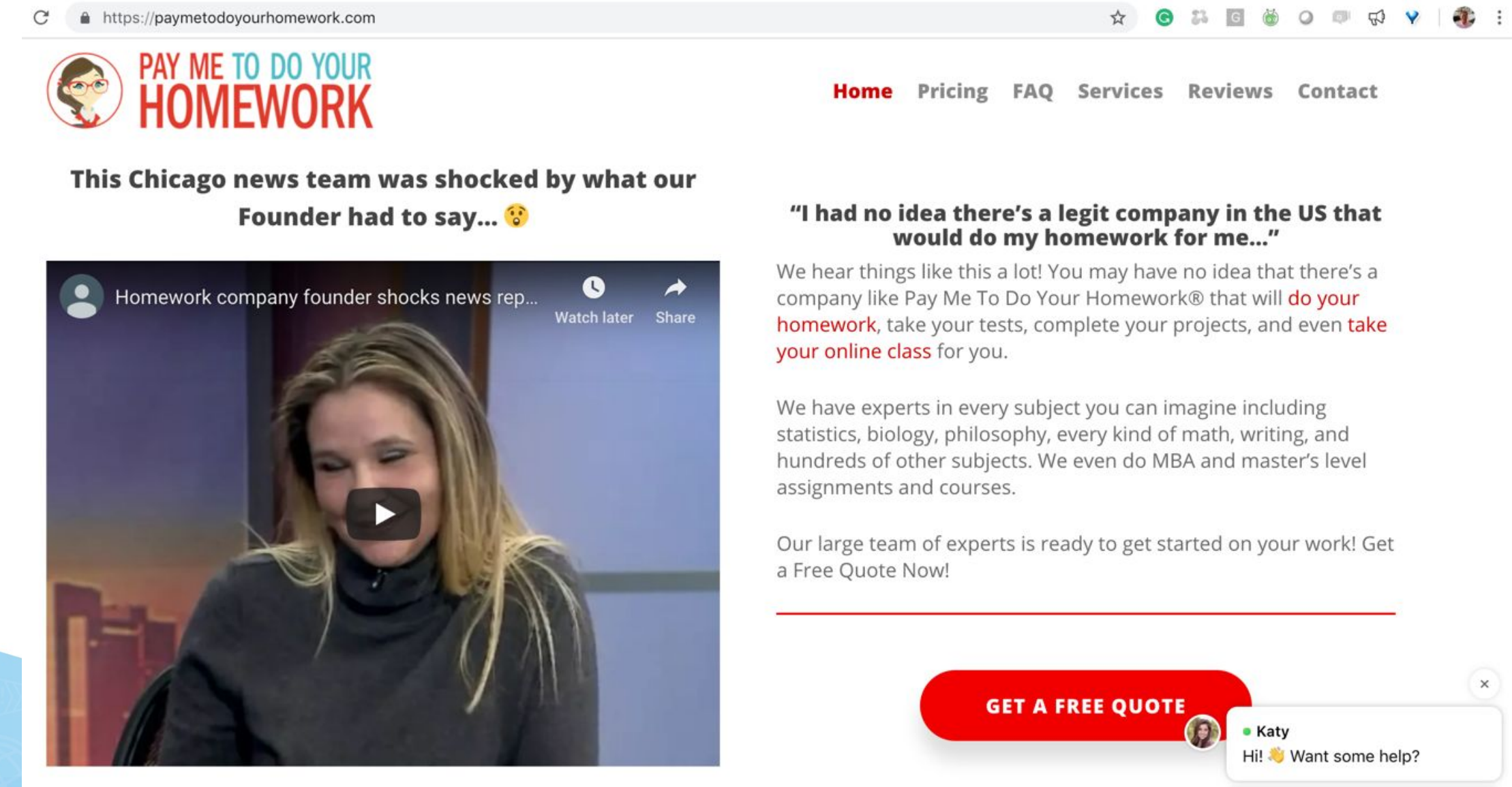
Who is doing the work?



Why Authenticate Learners in the Course

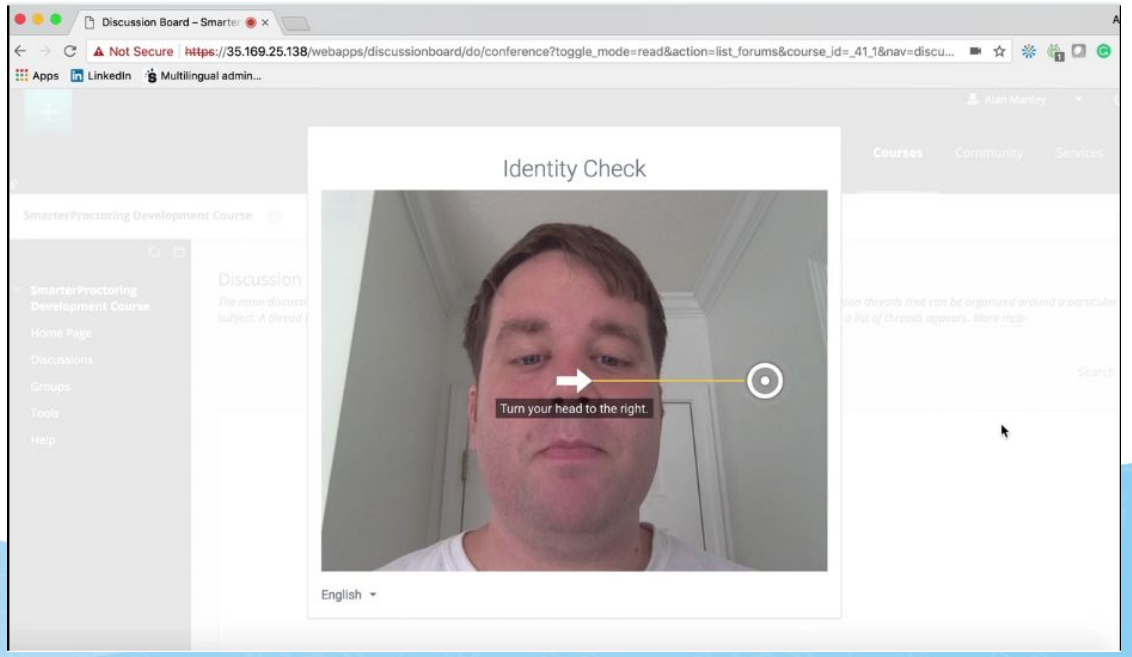


Why Authenticate Learners in the Course

What is SmarterID?

- SmarterID is a cutting edge **user authentication system** that uses **facial recognition** to validate identity and document attendance.

- When an authentication attempt is failed, the student is not locked out, but an anomaly report is sent to the faculty member/school and they can compare the images to make the final judgement call.

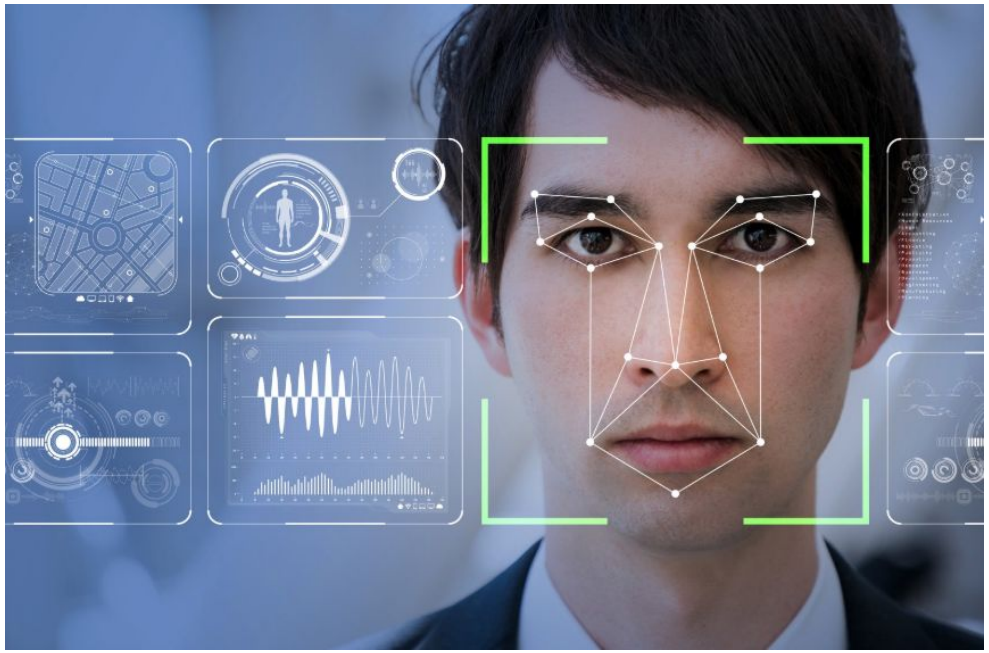


SmarterID Features

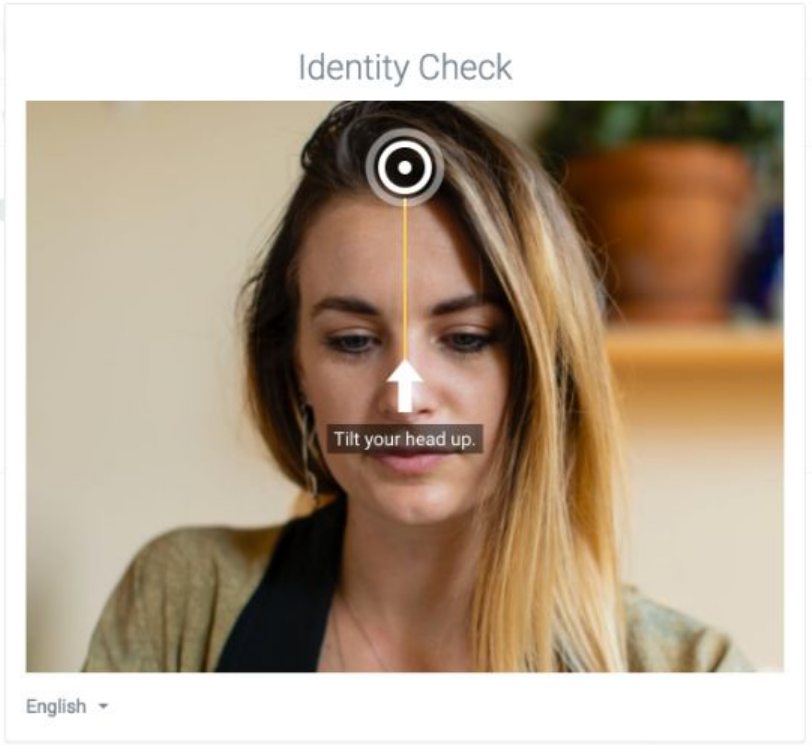
- Integrates seamlessly with Blackboard, Canvas, & Moodle
- On-demand, frictionless enrollment process. No human raters involved.
- Advanced mode can verify authenticity of Government Issued ID
- Randomly, at a frequency of your choosing uses facial recognition to validate the student after initial enrollment
- Validation history maintained
- Liveness checks
- Enhanced privacy
- No instructional design changes
  - No gated assignments

Why Facial Recognition?

- Very difficult to spoof
  - Use of liveness check
- Nothing to remember, nothing to do, just be yourself
- Typically, no additional hardware is required
- Highly accurate
- Works on most mobile phones and tablets
- Concerns about privacy are mitigated because the student is instructed to place their face in the photo window in a manner that minimizes background content in the image.



SmarterID



Settings

Modules

Assignments

Challenge percentage (?)	20 (Default: 20)
Skips allowed (?)	5 (Default: 5)
Skip window (in hours)	24 (Default: 24)
Challenge on entry (?)	Default: On
Avoid back-to-back challenges (?)	Default: On

Edit

Discussions

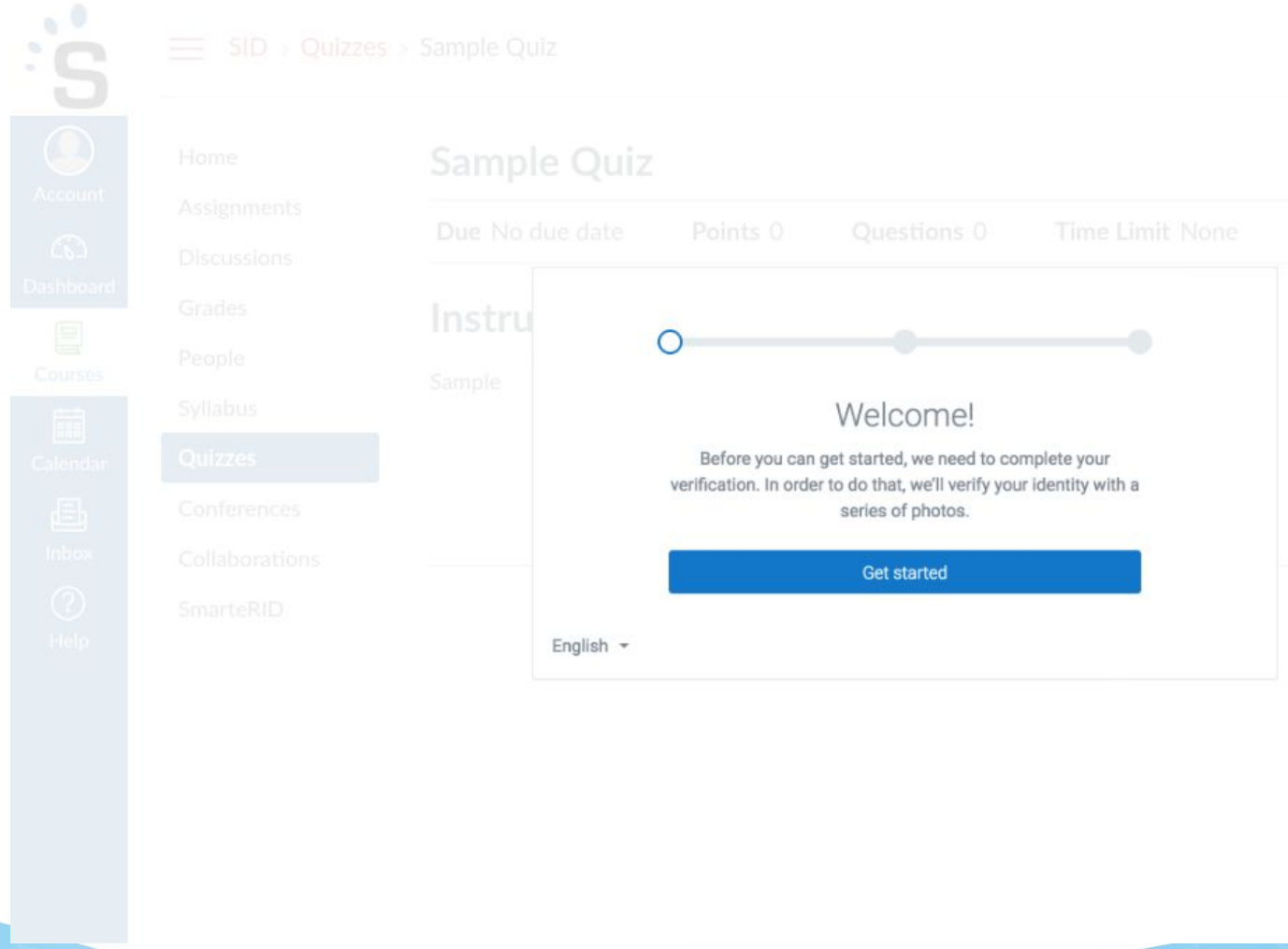
Challenge percentage (?)	20 (Default: 20)
Skips allowed (?)	5 (Default: 5)
Skip window (in hours)	24 (Default: 24)
Challenge on entry (?)	Default: On
Avoid back-to-back challenges (?)	Default: On

Edit

SmarterID

Settings View

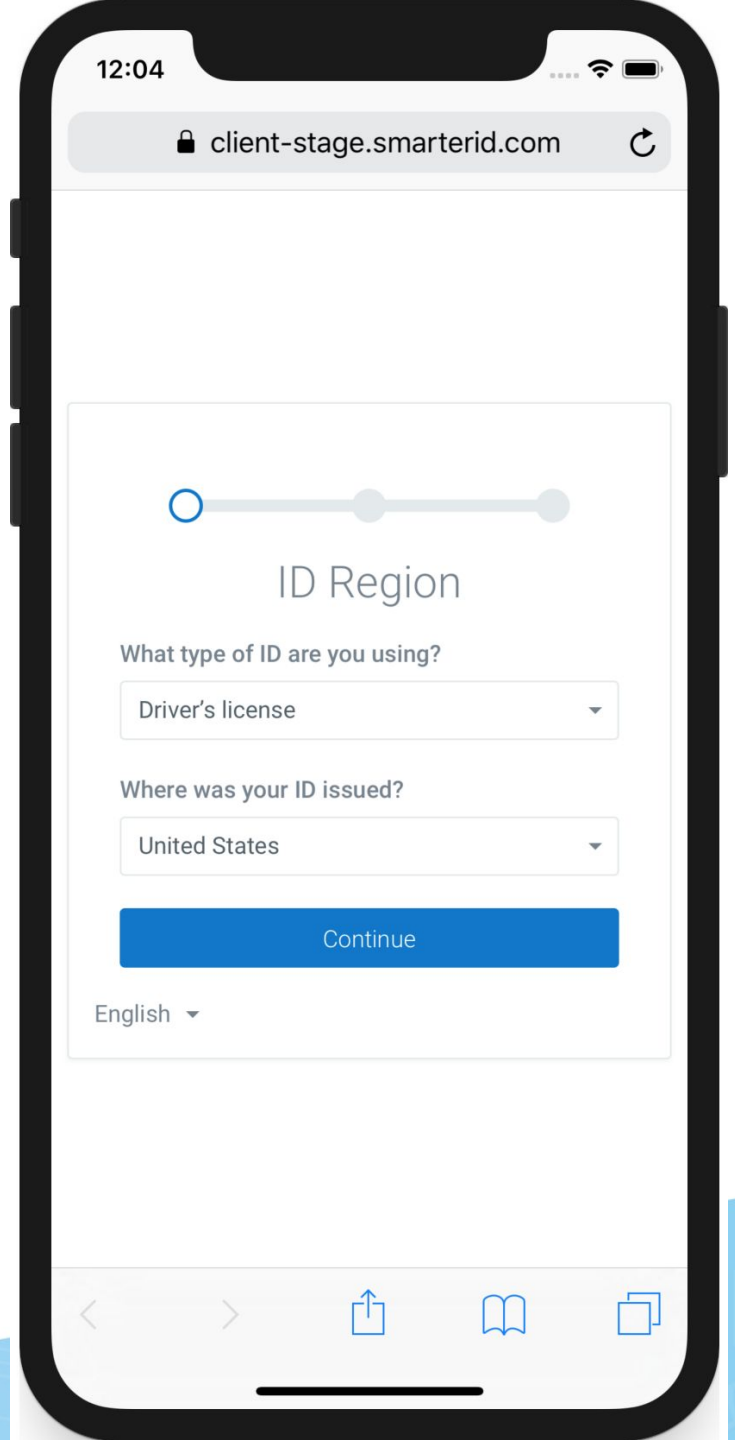
Student authentication – profile creation



Profile creation

Optional to include Government-issued ID as a part of the student authentication profile

Both Front and Back of ID are captured and verified



12:04

client-stage.smarterid.com

Front of ID

First we need a photo of the front of your ID. Please upload a photo of the front of your ID on a dark surface with the ID centered in the photo.

Front of ID

English

12:04

client-stage.smarterid.com

Example Photo

Your Photo

Rotate

Please ensure that the front of your id is centered on a dark surface in the photo.

Use this photo

or

Use another photo

English

12:04

client-stage.smarterid.com

Example Photo

Your Photo

Rotate

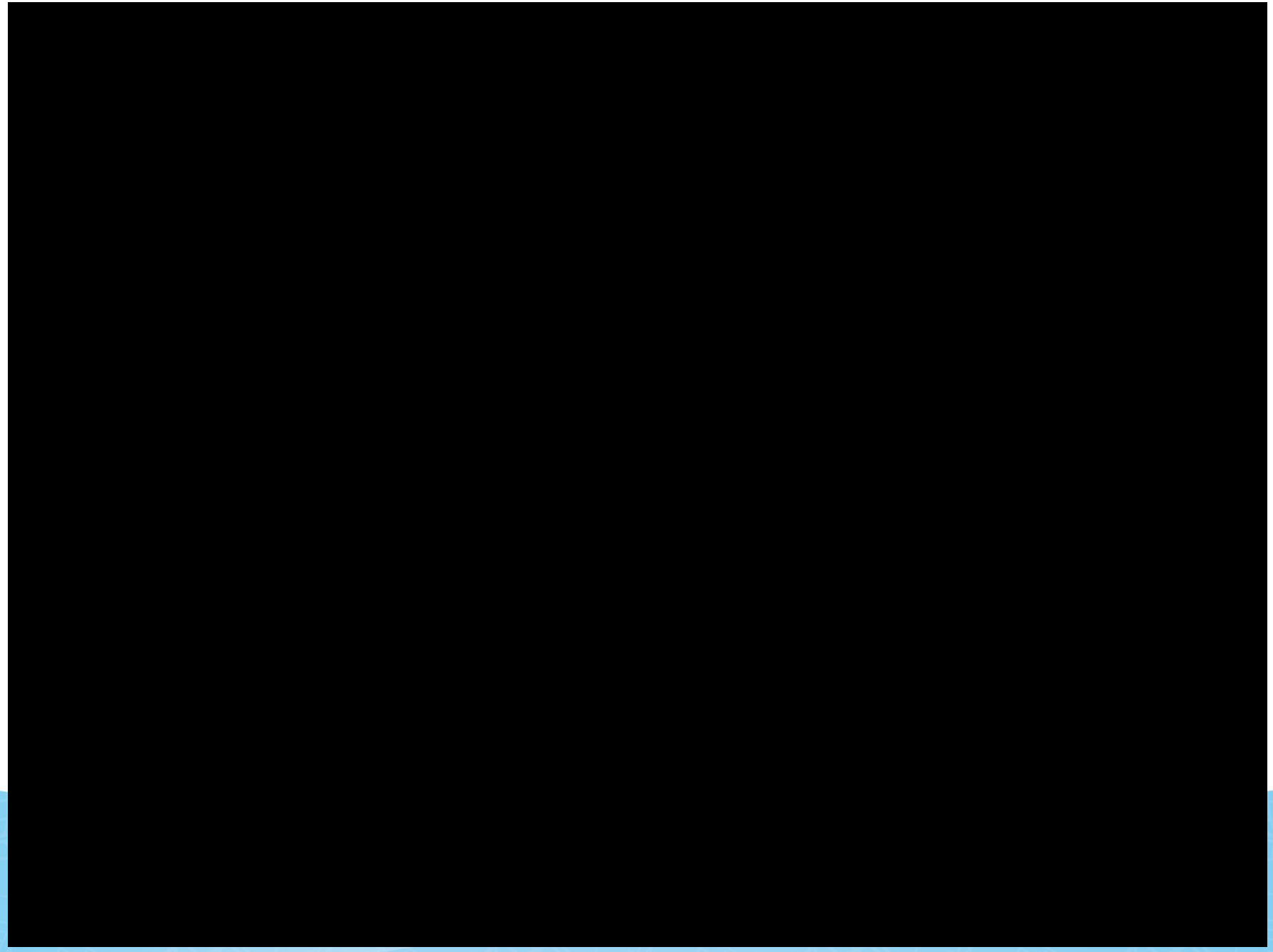
Please ensure that the front of your id is centered on a dark surface in the photo.

Use this photo

or

Use another photo

English



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Challenge video

AVERAGE DURATION

6 seconds

SUSPICIOUS CHALLENGES

4 View

CHALLENGE VOLUME

CHALLENGE RESULTS OVER TIME

Last 30 days

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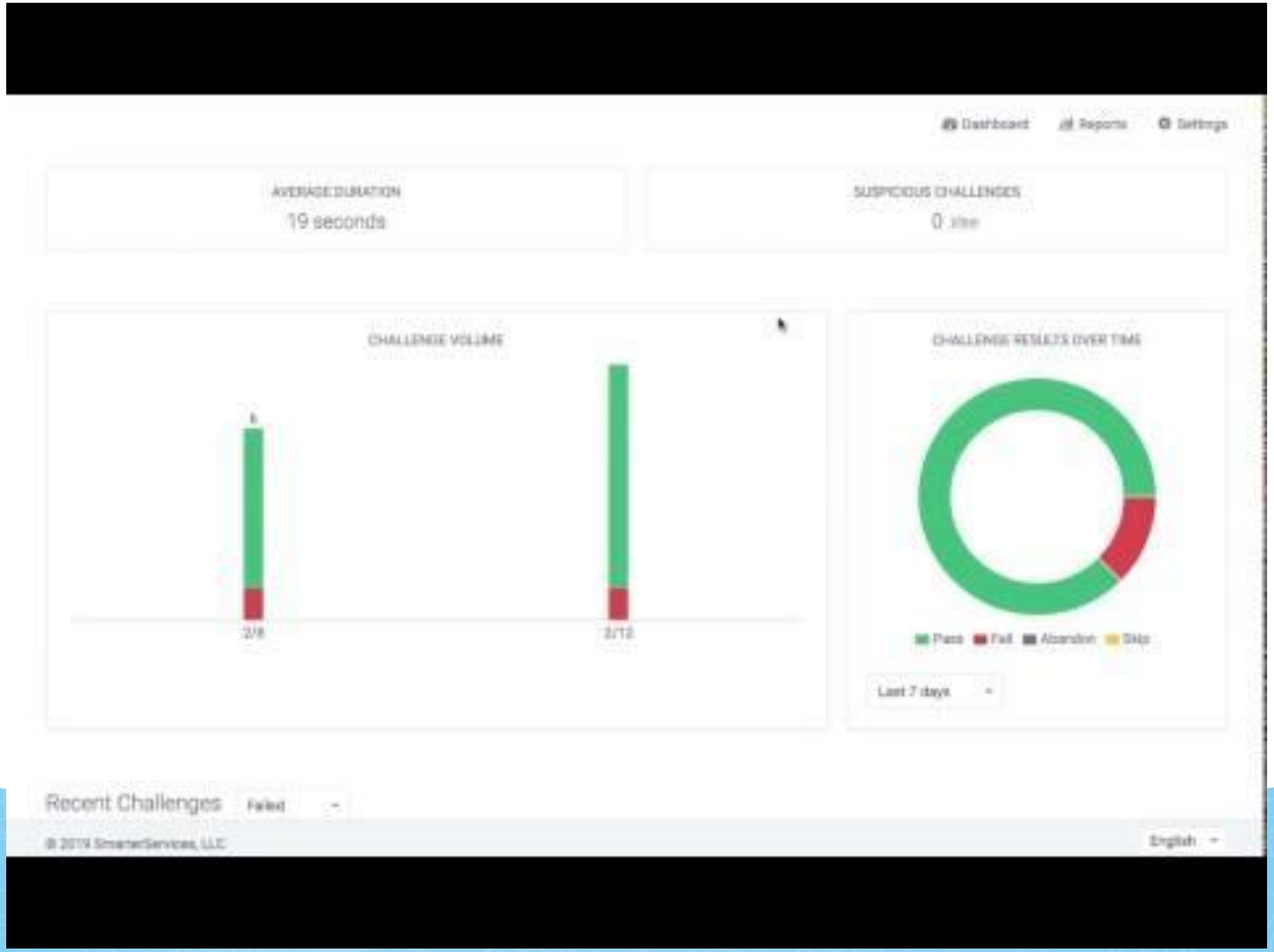
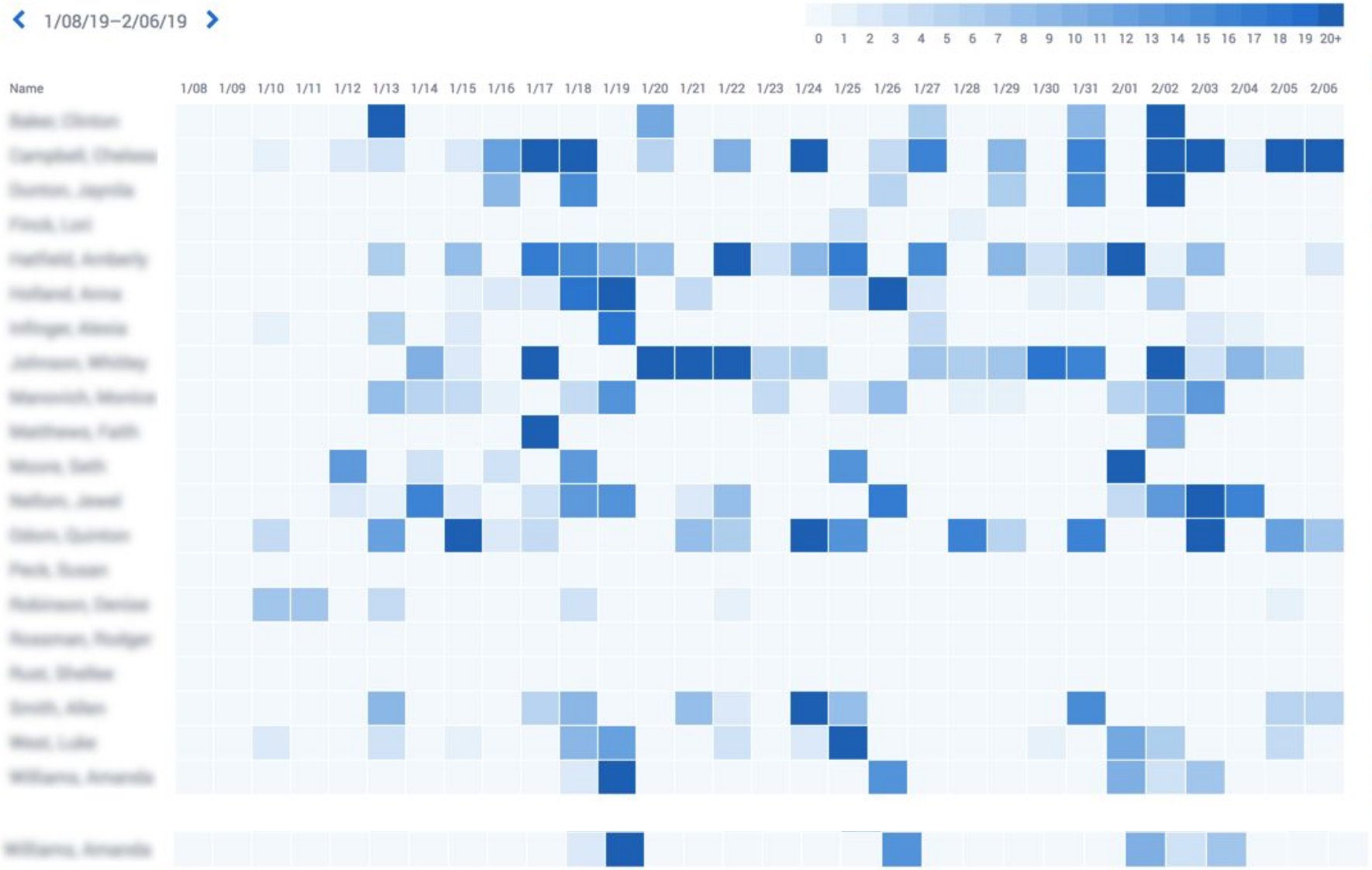
Faculty data dashboard





Attendance Heatmap

Reports: Roster

Name	Verified	Face Match	Challenges	P	F	A	S	Dates
Vinegar, Vic	✗	✗	48	2	16	0	0	Last challenge: 10/31/2018 Last seen: 10/31/2018
Sorrenstein, Mitch	✓	⊖	3	2	0	1	0	Last challenge: 4/12/2018 Last seen: 4/12/2018
Toboggan, Mantis	✗	✗	16	0	0	0	0	Last challenge: 10/31/2018 Last seen: 10/31/2018
McPoyle, Liam	✗	✗	6	0	0	0	0	Last challenge: 10/31/2018 Last seen: 10/31/2018
Tootson, Bruce	✓	⊖	31	0	0	12	0	Last challenge: 11/2/2018 Last seen: 11/2/2018
Reynolds, Dee	✓	⊖	45	1	2	0	0	Last challenge: 10/31/2018 Last seen: 10/31/2018
Klein, Ethan	⊖	⊖	506	85	21	395	0	Last challenge: 4/11/2018 Last seen: 4/11/2018
Klotz, Roger	✓	⊖	18	1	0	0	0	Last challenge: 11/2/2018 Last seen: 11/2/2018

Reports: IP Addresses

	IP Address	User 1	User 2	Time between sessions
[+]	127.0.0.1	McGavin, Bruce Telecommuncations 101	Reynolds, Dee Telecommuncations 101	00:04:17
[−]	127.0.0.1	Beaumont, Seth Telecommuncations 101	Vinegar, Vic Telecommuncations 101	00:14:01

Beaumont, Seth

OCTOBER 31, 2018 4:11PM

USER DETAILS

Email	seth@fakeemail.com
Browser	Chrome
Browser Version	70.0.3538.77
Operating System	Mac OS 10.13.6
IP Address	127.0.0.1

Vinegar, Vic

OCTOBER 31, 2018 3:57PM

USER DETAILS

Email	vic@fakeemail.com
Browser	Chrome
Browser Version	70.0.3538.77
Operating System	Mac OS 10.13.6
IP Address	127.0.0.1

Carol Moody

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Chief Academic Officer/Founder

Q & A - Don’t forget about the closing survey in our follow up email

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