OVERVIEW

• What is remote proctoring?
• A case study – TSA
• Benefits and Issues
• Questions
What is remote proctoring?
Remote proctoring

A service that emulates the role of an on-site proctor or invigilator – confirming the identity of the test-taker and safeguarding the integrity of the exam or assessment.
Lots of providers.
Types of Remote Proctoring

Verification of identity

Auto monitored or AI based proctoring

Live human proctoring

Features

Record

Review

Live intervention
Remote Proctoring for Admissions Tests – a case study
Cambridge Assessment Admissions Testing creates and delivers high-stakes admissions tests for a range of institutions, including Oxford, Cambridge and other Russell Group universities in the UK, as well as a range of institutions internationally.

Mainly focused on entry into undergraduate HE, on to a range of courses such as Medicine, Engineering, Mathematics, Science, and Economics.

Recent experience of RP with our Thinking Skills Assessment (TSA)
TSA
Ashoka: Flexible delivery - remote proctoring

‘Being a leading liberal arts university, and following a holistic admissions process, we seek to evaluate and identify high-potential candidates with critical-thinking skills and problem-solving abilities.’

1091 candidates have sat the test using Mercer Mettl remote invigilation

2800 candidates from 26 countries

Computer-based Thinking Skills Assessment (TSA)
Remote Proctoring

Auto Proctoring (AI flags)
- Facial recognition
- Device detection
- Body detection

Record & Review Proctoring (AI flags)
- Validate the AI flags
- Understand the severity of each flag
- Weed out any suspicious cases

Live Proctoring (AI flags + Human Proctors)
- Pause the test
- Chat with the candidate
- End the test

Authentication
- Enter registration details
- (fields are customizable)
- Click picture of yourself
- Click picture of ID proof
- 24*7 support to verify candidates

Secure Browser
- No Background Software Works
- No Screen Recording
- No Screen Sharing
- Allow Relevant Software
- Allow Formula Books
95% Accuracy in Predicting Cheating

How Our AI-Based Bot Works?
Admin can playback through the applicant's recording

Toggle to see applicant's screen as well.

Chat with applicant

End test immediately

Audit trail with current state

Applicants Details: Name, Location, Contact Information etc.

Automatically generated invigilation warnings based on applicant behavior, image and audio processing

**WEB CAM PROCTORING: PROCTOR VIEW AND CONTROLS (2/2)**
Remote Proctoring – May 2020

1600 Thinking Skills Assessments

Petronas Scholarship Programme

School of Economics Stockholm University
Benefits and issues to consider
Benefits

• Access – especially for contexts where travelling to an examination centre is a barrier to application.

• Logistics – removes headache of setting up and running large examination centres.

• Flexibility – has allowed for an agile response to current pandemic.

• Security – efficient way of verifying candidate identity; more secure examination delivery; allows for closer scrutiny of individuals as required.
Issues to consider

- Access – presents issues for candidates with poor Wi-Fi coverage or computer facilities
- Technical failures – outages, systems failures etc.
- Affective factors – some candidates may find remote proctoring adds to the stress of taking an assessment
- Privacy/data collection concerns
Questions?