HIGH STAKE EXAMS WITH MOODLE: BYOD USING SAFE EXAM BROWSER

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High stake exams using Moodle - Background

- First experience in 2009;
- Training on Multiple Choice Questions quality;
- Training on Moodle quiz activity;
- Questions import;
- Secure digital environment;
- On site support;
- Results analysis;
• Accessrule enabling classification, notification of quizzes. Also it populates a calendar.
Quizz numbers 2017-19

Quiz numbers
Instances and submissions

Filter:
- All
- 2017-18
- 2018-2019

S. ON CLASS
- 566
- 611
- 62,506

S. WITH SUPPO...
- 195
- 159
- 22,520

SUMMATIVE
- 838
- 1134
- 94,846

Source: University of Porto
High stake exams using Moodle: constraints

- Very large classes;
- Few seats per room;
- Low student/computer ratio.
High stake exams BYOD mode: a response

- Equally safe environment;
- Assuming the risks;
- Working with local IT support.

Safe Exam Browser
Safe Exam Browser: workflow

- Configurations depending on request
- 3 security levels:
  1. Basic - check if using SEB
  2. Medium - check if correct Exam Key
  3. Full - check if correct Exam Key + URL filtering
- Students instructions (Moodle announcements Forum)
- On site support
BYOD as a response: challenges and doubts

- Personal laptop mandatory?
- Wifi availability.
- Students failing to follow instructions
- Ease the logistic burden.
BYOD as a response: conclusions

- Managed computers are safer and easier to work with but the computer ratio will not change. So BYOD using SEB and Moodle quiz is the best approach at this time.
- The Institution however needs to offer alternatives.
- Need to ease logistic burden (sample quiz);
- Include BYOD using iPad for multiple-choice quizzes only.
Questions, comments?

Thank you.

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