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;

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Quiz accessrule

- 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	22,620
SUMMATIVE	838	1184	94,846
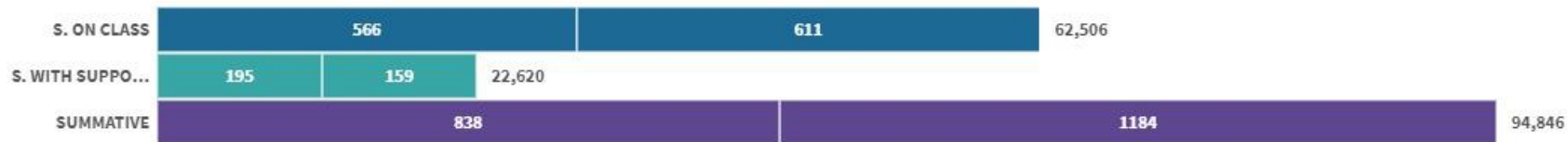
Source: University of Porto

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

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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

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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 of offer alternatives.
- Need to ease logistic burden (sample quiz);
- Include BYOD using iPad for multichoice quizzes only.

Questions, comments?

Thank you.

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