

Authentic e-Exams phased implementation strategy

TransformingExams.com

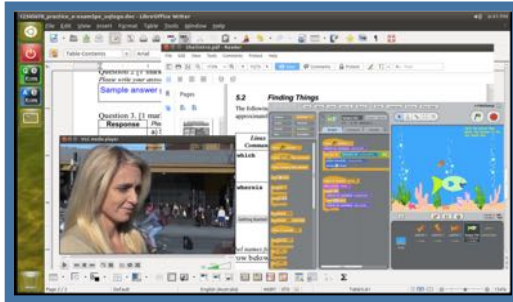
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Start > > > > > > > > > Future >

Get Ready	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Institutional approvals, research ethics, hardware and infrastructure	Paper equivalent small scale. Basic offline doc exams to begin!	Post-paper small to medium. Expanding the app and media landscape.	Medium to large scale. Adding the power of an LMS.	Whitelisted and logged Internet Network BYOD exam.	Open but fully logged Internet Network mixed mode BYOD exam.
	Crawling	Walking	Running	Jumping	Flying!

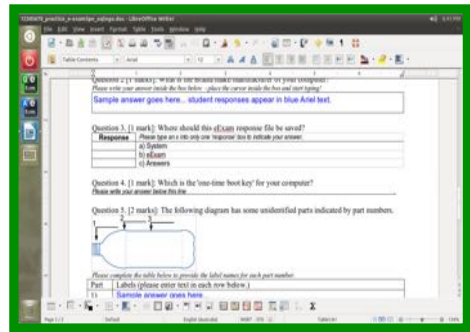
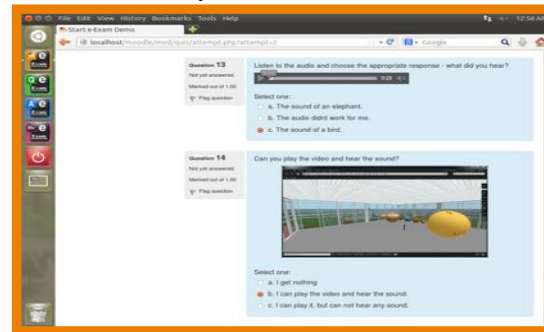
Complex constructed responses using e-tools of the trade.



Extension work:
An offline e-learning platform see moleap.org

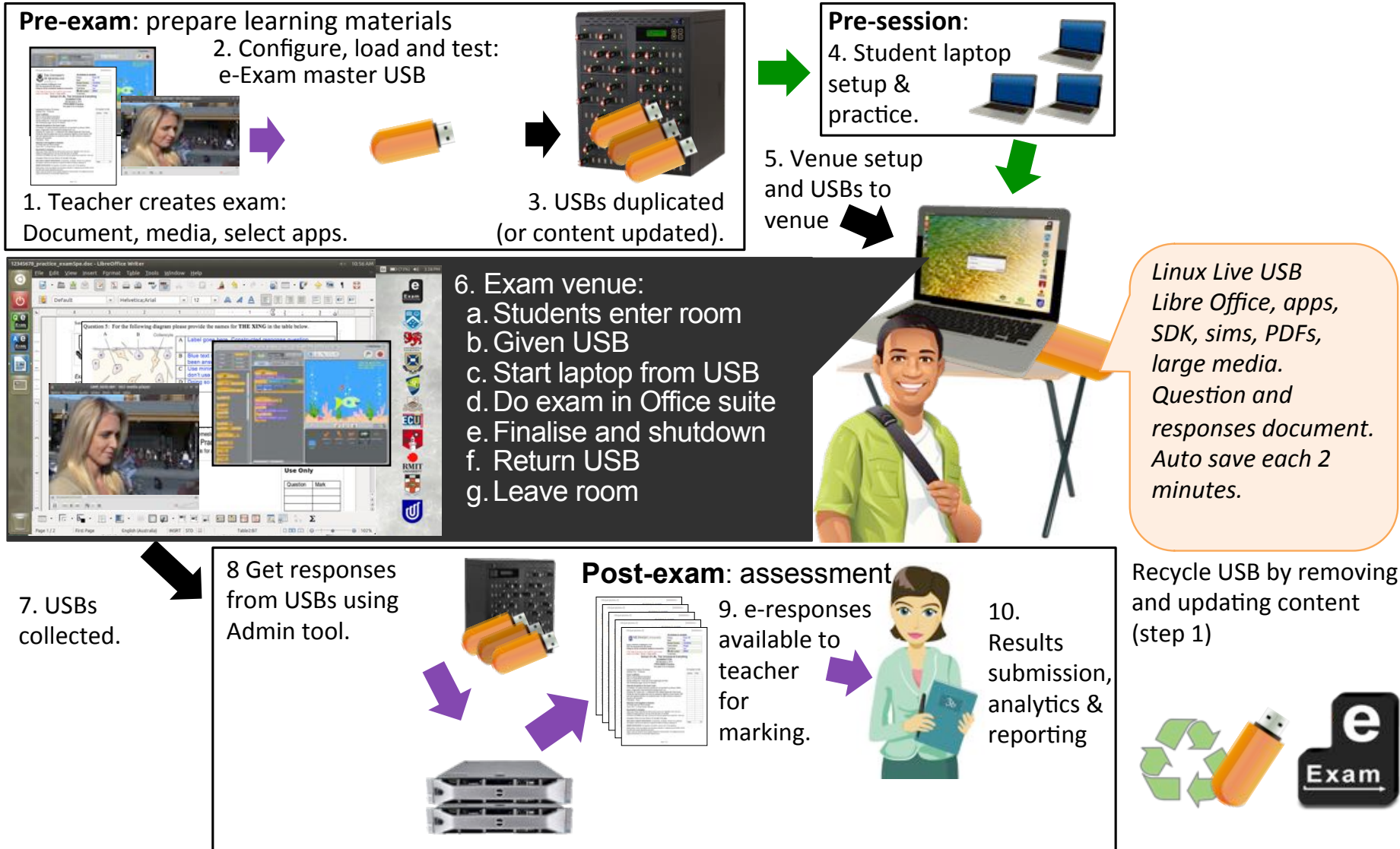
Rich media.
Selected response.

<http://ta.vu/e-exam-roadmap>



Doc, spread sheets.

Workflow for offline document e-Exams (phase 1 & 2) : TransformingExams.com



Workflow for offline spread sheet e-Exams (phase 1 & 2): TransformingExams.com

Pre-exam: prepare learning materials

1. Teacher creates spreadsheets (exam and matching gradebook)

2. Configure, load and test: e-Exam master USB

3. USBs duplicated (or content updated).

Pre-session:

4. Student laptop setup & practice.

5. Venue setup and USBs to venue

6. Exam venue:

a. Students enter room
 b. Given USB
 c. Start laptop from USB
 d. Do exam in Office suite
 e. Finalise and shutdown
 f. Return USB
 g. Leave room

*Linux Live USB
 Libre Office, apps,
 SDK, sims, PDFs,
 large media.
 Question and
 responses spread
 sheet.
 Auto save each 2
 minutes*

Post-exam: assessment

7. Collect USBs

8. Responses retrieved from USBs

9. Responses collated with RDBmerge

10. Marking undertaken. Checked by teacher.

11. Return feedback to student.

Recycle USB by removing and updating content (step 1)



Workflow for robust online Moodle e-Exams (phase 3): TransformingExams.com

