Digital assessment

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SDU facts


5 faculties: Engineering, Science, Health Sciences, Humanities, Business and Social Sciences

6 campuses – Odense is the main campus

Students, no (oct. 2012): 26,034
(of which from other countries: 4,104)

Programs, no (bachelor + master): 222
(of which in English: 81)
Numbers of digital assessments/exam

Antal succesfulde afleveringer i SDU assignment / måned 2013

Hand-ins

0k 2.5k 5k 7.5k 10k 12.5k 15k 17.5k 20k

Januar  Februar  Marts  April  Maj  Juni
Why digital assessments?

The quality of the assessment is traditionally measured according to the following criteria:

*Validity*: the assessment measures the content (knowledge, skills, competences) it is supposed to measure

*Reliability*: the assessment is reliable – i.e. there is a consistent distinction between good and poor students

*Feasibility*: the resources, which are required to conduct the examination, are present

*Acceptability*: the assessment is widely accepted as being ‘good’ by students and faculty
Why digital assessments II

The validity and reliability of an assessment is a function of the number of questions asked in the assessment – the more questions, the better.

Numerous questions ensure that the entire content is tested (content validity) and that the result is not determined by chance (which examination questions the student draws).

Digitisation allows you to ask and mark numerous of (for instance MCQ) questions and create exam databases across institutions and nations.
Why digital assessments III

Teamwork skills, practical skills, critical analysis in for instance peer-reviews, reasoning in on-line discussions etc., are examples of things that would be possible to measure by using digital tools.

Reliability is also affected by the quality of the individual question – a question no one is able to answer cannot distinguish between good and bad performance. Digitisation facilitates the (statistical) analysis of the assessments so that the inferior questions can be identified and removed.

Feasibility means that the resources, which are required to conduct the assessment, are present – e.g. staff, examination rooms, IT equipment and time. For each assessment you have to consider the balance between the significance of the test and the costs.

Digitisation provides different testing options and this will increase the requirements to quality when considering, which resources must be allocated to each individual test.
In conclusion, we may assume that digitisation will provide more opportunities to

• test what we want to test (and not only what we are able to test)
• make the assessments more fair and reliable
• diversify and re-allocate the costs
• to meet the legitimate demand of using digital media – also in assessments.
SDU Scribble & SDU Assignment

- BEFORE EXAM
- DURING EXAM
- AFTER EXAM
BEFORE EXAM:

THE TEACHER
DISTRIBUTE THE
ASSIGNMENT
DIGITAL.

THE ASSIGNMENT
IS BEEN ENRICH
WITH METADATA
THAT CONTROL
THE HAND OUT.

- DEADLINE
- HOW MANY ATTEMENTS
- POSSIBLITY TO ATTACH DOCUMENTS
- ETC.
BEFORE EXAM:

• DEADLINE
• ETC.
BEFORE EXAM:

Preparation and training of equipment and system

Introduction

Testing of devices

Use in education
DURING EXAM:

Preparing equipment

• EDUROAM
• BOOT USB
• SCRIBBLE
• ONE-TIME PASSWORD
• EXAM4 (ALT. T. SDU BOOT)
DURING EXAM:

Download assignment
During exam:

Course Assignments

Serviceøkonomi, skriftligt seminar, efterår 2012

VIGTIGT:
- Opgaven skal afleveres som én samlet pdf fil
- Der kan uploades flere gange inden for tidsfristen, det er kun den sidste upload der bliver sendt til bedømmelse
- Forsiden skal indeholde følgende oplysninger: Studium, fagets navn, afdelingsdato, fødselsdato, fuldt navn, hold, antal anslag
- Samtlige sider i besvarelsen skal indeholde sidetal, fødselsdato og navn.
  - du/je skal ikke angive eksamens nr., da dette kun benyttes til anonyme eksamener.

Files attached: None.
Max file size: 100 MB.
Identification method: CFPR (non-anonymous).
Assignment limitations: One file per attempt.
Start: 20 november 2012, 11:00
End: 11 december 2012, 10:00

Upload assignment
During exam:

Upload assignment
Aflever opgave

**Eksamen**


Teksten skal afleveres i PDF-format.

Files attached: eksamensopgave.pdf

Max file size: 10 MB.
Identification method: Exam number (anonymous).
Assignment limitations: force verification.
Network limitations: SDU Eduroam Wireless.
Starts: 19. december 2012 09:30 (starting buffer: 15 min)
Ends: 19. december 2012 13:00 (ending buffer: 15 min)
Assignments received: 0.
DURING EXAM:

Emergency Support

Supervisor (logging, info)

Extra equipment
After exam:

Feedback/grade - Teacher download assignments.

The student gets feedback/grade online or e-mailed.
After exam:

Underviseren afleverer og censor tilgår de afleverede opgaver fra scribble. Studerende får further den rettede opgave via mail, sendt fra scribble.
After exam:

Distributing and archiving - SEKRETARY archivverer in documentarchive

Teacher and censor download and upload commeted assignment from Scribble
Photo from exam with Scribble
Q&A

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Try SDU Scribble: http://scribble.sdu.dk

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