Building e-portfolios in Moodle

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MoodleMoot Hrvatska 2023
• Dissemination activities
• Trainings
• Consultations
• Research and Development
  ◦ Pilot renewals
  ◦ Multiplicators
  ◦ One-year projects
  ◦ Integrated study environment

ABOUT US
ONE-YEAR PROJECTS AT UL

- Project-based e-learning
- Developing micro MOOCs
- Building e-portfolios
- Artificial Intelligence

April 2023 - April 2024
20 teachers
9 faculties of UL
01
Review of state of the art of existing solutions for building e-portfolios and gather the needs for ICT functionalities for the successful implementation of e-portfolios in the pedagogical process

02
Developing a standardised process for building e-portfolios

03
Piloting and testing possible solutions for e-portfolio building

04
Transfer of already established good practices at UL member institutions to the wider university environment
E-PORTFOLIOS

• E-portfolio: a digital collection of evidence and artefacts representing the knowledge, skills and achievements of an individual or group (Lorenzo & Ittelson, 2005).

• Positive impact on:
  ◦ Educators' and students' focus on the learning process,
  ◦ student-centred learning process,
  ◦ development of reflective thinking, metacognitive and technological skills,
  ◦ strengthening collaboration between students, educators,
  ◦ providing feedback,
  ◦ easy to share their work.
• **Member:** Faculty of Education UL
• **Study programme:** Teacher training
• **Authors:** asist. dr. Alenka Žerovnik, doc. dr. Irena Nančovska Šerbec
• **Implementation:**
  • Students, future teachers
  • E-portfolio as evidence of learning or collection of students' learning achievements, gaining digital competences
  • Project assignments with meaningful use of ICT for designing learning materials
• **Content of e-portfolio:**
  • H5P interactive video, photos, quizzes etc.
• **ICT used:**
  • Photoscape, Gimp, Inkscape, Audacity, Vocaroo, Canva, Shotcut, H5P, Quizizz, Genially etc.
• **Member:** Faculty of Architecture UL  
• **Study programme:** Different programs  
• **Authors:** teachers at the Faculty of Architecture  
• **Implementation:**  
  • Final exhibition of a year-long course at the faculty  
  • 2019/20 online  
• **Content of e-portfolio:**  
  • Photos, 3D models  
• **ICT used:**  
  • Adobe Creative Cloud, Autodesk Autocad, Archicad, Rhino3d, Blender etc.
• **Member:** Faculty of Architecture UL
• **Study programme:** Architecture
• **Authors:** izr. prof. dr. Lucija Ažman Momirski, asist. dr. Tomaž Berčič, asist. dr. Andrej Mahovič
• **Implementation:**
  • Demonstration of students' work at the faculty and beyond
  • Allows reflection and evaluation of students' work and progress
• **Content of e-portfolio:**
  • Images, project descriptions, design processes, 3D models, videos
• **ICT used:**
  • Adobe Photoshop, Illustrator, AutoCAD, SketchUp
• **Authors**: Vicki Waye, Margaret Faulkner, Australia
• **Field of study**: Law
• **Implementation**:
  • Digital archive (videos of negotiations and recordings of lawyers' speeches; research articles; lawyer documents; presentations)
  • Student references and awards
  • Feedback from teachers
• **Authors:** Jill Johnston, Sashi Kant, Vanessa Gysbergs, Dale Hancock, Gareth Denyer, Australia
• **Field of study:** Biochemistry and Molecular biology
• **Implementation:**
  • Keeping an electronic laboratory diary
• **Content of e-portfolio:**
  • Creating a collection of web pages for each exercise
  • Preparation of an in-depth analysis of the work
  • Input of videos, animations, images
EVALUATING E-PORTFOLIOS IN MOODLE

• Evaluation by educators, Peer assessment, Self-evaluation
  • Pre-defined criteria, rubrics
  • Comments, feedback

• Clearly defined criteria
• Constructive feedback
• Reflection
RESULTS

• Positive impact of ePortfolios on student learning outcomes
• Moodle: effective for promoting meaningful student reflection and assessment
• Building e-portfolios with:
  ◦ Moodle Course, Wiki, Mahara
  ◦ Wordpress, behance.net, Pebblepad, MS Teams etc.
CONTACT US

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