INFORMATION LITERACY ONLINE
An Erasmus+ Project to Improve Students’ Competencies
www.informationliteracy.eu

The Project
- Aim: Develop, evaluate and disseminate a multilingual Massive Open Online Course (MOOC) for improving information literacy focusing on higher education students
- Available also for other groups: Pupils and teachers at schools, Citizens for life-long-learning, eLearning and research community
- Information Literacy (IL) as a key competence is particularly essential in learning, post-secondary education and research
- According to many studies, students' information literacy levels are generally low

Needs Analysis
- Surveys of students' IL at several of the partner universities
  - E.g. survey of 230 students at the University of Graz in 2015 using a questionnaire based on the ACRL standards from 2000: IL of the first-year students at the University of Graz was assessed as mediocre
- Analysis of existing MOOCs
  - Increasing number
  - Weaknesses identifiable: support of multiple languages, open licensing and assessment components

ILO MOOC
- Focus on Information Literacy of relevance for all disciplines
  - such as access to information, knowledge organization and information usage
- Additional subject-specific specializations
  - Business Administration and psychology
- Extension by further specializations possible
- Availability of an automated assessment component
- Development in six languages
  - English, German, Spanish, Catalan, Croatian, Slovenian
  - One of the first MOOCs in Croatian and Slovenian
- Each partner develops an own MOOC based on a content framework
  - Allows to take account of country-specific characteristics
- All materials are provided under an open license as Open Educational Resource (OER)

Integrated Assessment component
- Allows participants self-assessments
  - Real world tasks where Information Literacy is required
- Additional Multiple-Choice questions
- Ongoing integration
  - At the beginning of the MOOC for self-assessment
  - Within chapters with thematic tasks
  - At the end of the MOOC to test one's knowledge
- Assessment data is collected and evaluated during the project
- Based on CBAItemBuilder developed by German Institute for International Educational Research

Evaluation: Knowledge gain
- Analysis of the assessment component data
- Test group of students at each participating partner university
  - Test before and after completion of the MOOC using standardized questionnaires

Evaluation: User Experience
- Integrated feedback form in the MOOC
  - Feedback about the structure of the content, clarity of the tasks, perceived meaningfulness, level of difficulty, user guidance, etc.
- Testing the user-friendliness and clarity through thinking-aloud tests
- Survey of experts

Core Project Team
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