Digital Education & Research in MENA region

Student Learning Compass

A students' visual interactive platform to assess skills/competences acquisition in a specific course

Project duration in months: 18 months

Starting date: 01.12.2021

Project leader: Maria Sokhn

Lead Institution: HES SO // Neuchâtel





























Swiss and MENA Partners:

Maria Sokhn - Professor Haute Ecole de Gestion - Arc Switzerland Marc Ibrahim, Youssef Bakouny - Professor USJ – Faculté ingénierie Lebanon









































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Context:

- Higher education institutions play a crucial role in setting up the necessary mechanisms to cultivate skills' acquisition
- 2) DigCompEdu targets the assessment and empowering learners' areas
- 3) This framework will be used with regards to Digcomp 2.1 proficiency level

DigComp- Reference Framework	Levels	Complexity of tasks	Autonomy	Cognitive domain ¹⁵
Foundation	Level 1	Simple tasks	With guidance	Remembering
	Level 2	Simple tasks	Autonomy and with guidance where needed	Remembering
Intermediate	Level 3	Well-defined and routine tasks, and straightforward problems	On my own	Understanding
	Level 4	Tasks, and well-defined and non-routine problems	Independent and according to my needs	Understanding
Advanced	Level 5	Different tasks and problems	Guiding others	Applying
	Level 6	Most appropriate tasks	Able to adapt to others in a complex content	Evaluating
Highly specialised	Level 7	Resolve complex problems with limited solutions	Integrate to contribute to the professional practice and to guide others	Creating
	Level 8	Resolve complex problems with many interacting factors	Propose new ideas and proces- ses to the field	Creating

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DISCUSSING AND RENEWING PROFESSIONAL PRACTICE ENHANCING PROFESSIONAL PRACTICE EXPANDING PROFESSIONAL PRACTICE	COMPREHENSIVELY USING ADVANCED STRATEGIES & RESOURCES STRATEGICALLY USING INTERACTIVE RESOURCES	STRATEGICALLY & PURPOSEFULLY RENEWING TEACHING PRACTICE ENHANCING TEACHING & LEARNING & LEARNING ACTIVITIES	CRITICALLY REFLECTING ON DIGITAL ASSESSMENT STRATEGIES STRATEGIC AND EFFECTIVE USE OF DIGITAL ASSESSMENT	HOLISTICALLY EMPOWERING LEARNERS STRATEGICALLY USING A RANGE OF TOOLS TO EMPOWER	COMPREHENSIVELY & CRITICALLY FOSTERING LEARNERS' DIGITAL COMPETENCE STRATEGICALLY FOSTERING LEARNERS' DIGITAL COMPETENCE
PROFESSIONAL PRACTICE EXPANDING PROFESSIONAL	USING INTERACTIVE RESOURCES	TEACHING & LEARNING	OF DIGITAL	USING A RANGE OF TOOLS TO	FOSTERING LEARNERS' DIGITAL
PROFESSIONAL	FITTING DIGITAL				
	RESOURCES TO THE LEARNING CONTEXT	MEANINGFULLY INTEGRATING DIGITAL TECHNOLOGIES	ENHANCING TRADITIONAL ASSESSMENT APPROACHES	ADDRESSING LEARNER EMPOWERMENT	IMPLEMENTING ACTIVITIES TO FOSTER LEARNERS' DIGITAL COMPETENCE
EXPLORING DIGITAL OPTIONS	EXPLORING DIGITAL RESOURCES	EXPLORING DIGITAL TEACHING & LEARNING STRATEGIES	EXPLORING DIGITAL ASSESSMENT STRATEGIES	EXPLORING LEARNER-CENTRED STRATEGIES	ENCOURAGING LEARNERS TO USE DIGITAL TECHNOLOGIES
AWARENESS; UNCERTAINTY; BASIC USE	AWARENESS; UNCERTAINTY, BASIC USE	AWARENESS; UNCERTAINTY; BASIC USE	AWARENESS; UNCERTAINTY; BASIC USE	AWARENESS: UNCERTAINTY; BASIC USE	AWARENESS; UNCERTAINTY; BASIC USE
	DIGITAL OPTIONS AWARENESS; UNCERTAINTY;	DIGITAL OPTIONS DIGITAL RESOURCES AWARENESS; UNCERTAINTY; UNCERTAINTY;	DIGITAL OPTIONS DIGITAL RESOURCES DIGITAL TEACHING & LEARNING STRATEGIES AWARENESS; UNCERTAINTY; UNCERTAINTY; UNCERTAINTY; UNCERTAINTY; UNCERTAINTY;	DIGITAL OPTIONS DIGITAL TEACHING & LEARNING STRATEGIES AWARENESS; UNCERTAINTY;	DIGITAL DIGITAL RESOURCES DIGITAL ASSESSMENT STRATEGIES AWARENESS; AWARENESS; AWARENESS; UNCERTAINTY;



























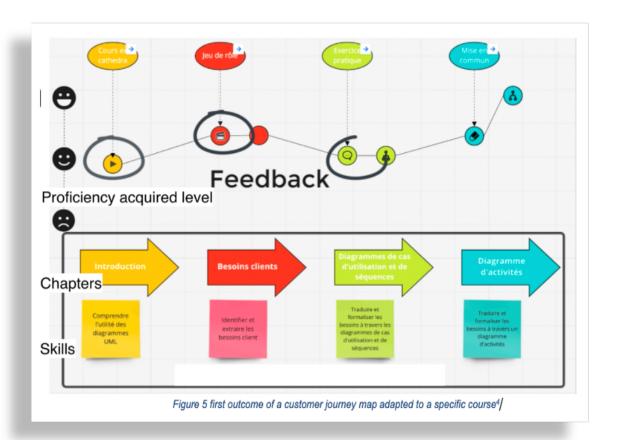






Objectives:



































Main activities / Work Packages:

- 1) WP1: Project management
- 2) WP2: Model compliance qualitative interviews
- 3) WP3: Student learning compass model design
- 4) WP4: Student learning compass platform implementation
- 5) WP5: Student learning compass platform evaluation and sustainability



























Main activities / Work Packages (1/2):

- 1) WP1: Project management
- 2) WP2: Model compliance qualitative interviews
- T2.1 Qualitative interviews
- T2.2 Model pre-evaluation & compliance
- 3) WP3: Student learning compass model design
- T3.1 Learning compass model



























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Main activities / Work Packages (2/2):

- 4) WP4: Student learning compass platform implementation
- T4.1 Platform development MVP V1.0
- T4.2 Platform development MVP V2.0

- 5) WP5: Student learning compass platform evaluation and sustainability
- T5.1 Evaluation & recommendation
- T5.2 Integration































Expected Outcomes:

- 1) Deliverable D2.1: Paper presenting the findings combined to interviews results
- 2) Deliverable D3.1 : Compass model

Dissemination: scientific paper submission

- 1) Deliverable D4.1 : Student Learning Compass platform V1.0
- 2) Deliverable D4.2: Student Learning Compass platform V2.0

Dissemination: demo paper submission

1) Deliverable D5.1 : Acceptance and integration tests report

One online workshop to disseminate the results





























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Risk Management:

- 1) Planning may not be respected (Risk 1- R1).

 Agile methodology and dynamic team organization (Mitigation 1 MR1.1).
- Data collection (R2).Go/no-go milestone (MR2.1).Potential actors contacted (MR2.2).
- 3) Software below expectation (R3). Work with an iterative and incremental (MR3.1).
- 4) Sustainability (R4),
 Following software development best practices (MR4.1).
 Engage dialogue with the institution (MR4.2)
- 5) Political and economic situation (R5).

 The team has an understanding of the Lebanese context (MR5.1).

 Saint-Joseph University 15th by in Crisis Management (MR5.2).

























