HELA

IMPROVING HEI MATURITY TO IMPLEMENT LEARNING ANALYTICS

01/03/2021 - 28/02/2025

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ABOUT THE PROJECT

Research project (IP-2020-02-5071) „HELA - Improving HEI maturity to implement learning analytics" is funded under Croatian Science Foundation. Project leader is Prof. Nina Begičević Ređep, PhD. The project budget is 776.230,00 HRK. The project duration is 4 years (01/03/2021-28/02/2025).

MAIN PURPOSE

Main purpose of this research is to contribute to a better understanding and optimization of the teaching and learning processes supported by learning analytics (LA). We will develop a maturity framework for LA implementation in a blended learning environment. The results of the project will contribute to strategic planning and decision - making on the implementation of learning analytics in higher - educational institutions (HEIs).

15
team members

48
months

776.230,00 HRK
budget

9
results

PROJECT OBJECTIVES

- Identify use cases and gaps in use of LA in a blended environment in higher education (HE) at the level of institutional policy, study programs, courses and lectures

- Identify resources necessary to implement LA in a blended educational environment at levels of institutional policy, study program and course

- Identify pedagogical, ethical and privacy issues in use of LA and how they can be resolved

- Develop LA adoption maturity framework (LAAMF) in blended educational environment

- Develop model use cases of LA

RESEARCH   IDEA   GOAL

RESEARCH GROUP

EXTERNAL ASSOCIATES

Prof. Hendrik Drachsler, PhD, Goethe University, Germany

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Prof. Bart Rienties, PhD, The Open University, United Kingdom

Prof. Wim Van Petegem, PhD, Ku Leuven, Belgium

FACULTY OF ORGANIZATION AND INFORMATICS

Prof. Nina Begičević Ređep, PhD - project leader

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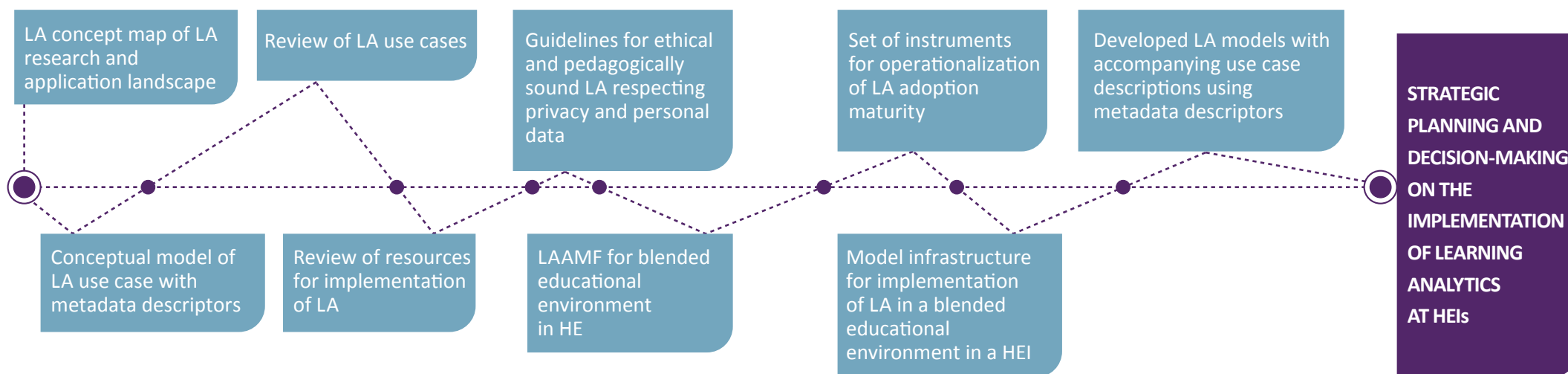Asst. Prof. Katarina Pažur Aničić, PhD

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EXPECTED RESULTS

LA concept map of LA research and application landscape

Review of LA use cases

Guidelines for ethical and pedagogically sound LA respecting privacy and personal data

Set of instruments for operationalization of LA adoption maturity

Developed LA models with accompanying use case descriptions using metadata descriptors

Conceptual model of LA use case with metadata descriptors

Review of resources for implementation of LA

LAAMF for blended educational environment in HE

Model infrastructure for implementation of LA in a blended educational environment in a HEI

STRATEGIC PLANNING AND DECISION-MAKING ON THE IMPLEMENTATION OF LEARNING ANALYTICS AT HEIs

Hrzz
Croatian Science Foundation

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