

## RESEARCH ON THE PEDAGOGICAL STUDENTS' READINESS TO PROJECT THE EDUCATIONAL ENVIRONMENT

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### Abstract

This article indicates and describes issues of the educational environment projecting in the institutes of higher education. The article illustrates some research results on identifying pedagogical institute students' readiness to project the educational environment. Modern researchers explain that educational institution environment, including the higher institution environment, can be seen as a complex set of conditions in the institution at the certain point of time, and this set includes teachers' competence, students' educational objectives, accepted standards of education, norms of behavior, teachers' communication style, and positive values, which graduates tries to get. We introduced the concept of "mobile educational environment", i.e. such environment which forms students' personality and competence, their fast and effective response to difficult situations, which shows their potential to promote professional development through adequate information perception and ability to solve different professional problems in a variety of ways. In our opinion, mobile educational environment simulation and projecting at the university can give advantages over traditional environmental organization. Our study is based on Russian researchers' works on the educational environment structures; in order to process the data needed for the results analysis we used RUMM2030 application. We believe that the mobile educational environment model should include not only to traditional components, but also a component which corresponds to modern society demands. Mobile educational environment model at the university should be built hierarchically and include the following components: the environment space organization, which is projected and formed according the social needs and demands; data carriers; interaction between subjects and objects of the educational environment project; the system of relations between subjects and objects of the educational environment; educational integration with other environments. We carried out the research on the students' readiness to project the educational environment. In order to carry out this research, we interviewed our students and processed survey results. Our study objective was to indicate the latent variable "mobile educational environment project at the university" based on a questionnaire below. It contains multiple-choice questions with three possible answers: 3-complete agreement (definitely yes, completely agree); 2 - indifferent; 1 - complete disagreement (definitely not, strongly disagree). Measurement of latent variable "mobile educational environment project at the university" was based on the Rasch model, while the survey results were processed with an interactive RUMM2030 application. Our research proved that it is possible to create the mobile educational environment project at the university and high school students' are ready for the educational environment project.

**Keywords:** *educational environment, mobility, project, Rasch model*