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## New model of mobile learning for the high school students preparing for the unified state exam

Khasianov A., Shakhova I.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

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### Abstract

© 2017. In this paper we study a new model of mobile learning for the Unified State Exam (USE) preparation in Russian Federation. USE - is the test school graduates need to pass in order to obtain Russian matura. In recent years the efforts teachers put for preparation of their students to the USE diminish how well the subject is actually mastered by the students. The problem lays in the key performance indicators the teachers must reach. The KPI is not unified across the country, but often it includes, in one or another form, the USE score the students get. The main proposition of this research is to use gamification in order to transfer the USE preparation out of the classroom activities. The most natural platform for this gamification is the ecosystem of the smartphones and social media available to the students. We build the USE preparation didactical model that addresses the challenges the teachers currently have. Then we discuss the architecture and the implementation for the whole solution.

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### Keywords

Education, Education technology, Mobile learning, Pedagogy, Software engineering, Unified state exam

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