

Interactive e-learning application to support music education for elementary schools

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STARTING POINT

Current music education software.



Problems



language barrier



no local notation



high complexity



Insufficient choice for Czech elementary school students.



New application



4 games – focus primarily on musical hearing improvement



simplification of abstract music theory into shapes and colors



motivation by game score and hall of fame



friendly user interface with customizable avatar



multi-platform support



Testing results



25 pupils of 6th grade elementary school TGM Blansko



2 weeks, average play time 10–30 minutes/day



2000 games started
1400 games solved



interest for more games and more avatars