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Abstract

Now a days, so much attention and concentration has been directed to the use of games for learning, entertaining and many more purposes because of their ability to attract player attention and hold it for lengthy periods of time as players learn to master game complexities and accomplish targets. This paper describes the initiatives to develop a game to make a small contribution to our own culture by saving an almost extinct rural game & create its virtual form, so that younger generation of our country may know about our own culture and games.

References

1. Whitby, M. (2017) "Designing and Creating a Game Installation", The Computer Games Journal, 6(3), 85–109. Doi: 10.1007/s40869-017-0039-2
2. Coleman, R., Krembs, M., Labouseur, A. & Weir, J. (2005) "Game design & programming concentration within the computer science curriculum", ACM SIGCSE Bulletin, 37(1), 545-550,

doi:10.1145/1047124.1047514

3. Symborski, C., Barton, M., Quinn, M.M., Korris, J.H., Kassam, K.S., & Morewedge, C.K. (2017), "The Design and Development of Serious Games Using Iterative Evaluation", *SAGE Journals: Games and Culture*, 12(3), 252-264. doi: <https://doi.org/10.1177/1555412016673262>
4. Sethi, M. (2008), "Game Programming for Teens, 3rd Edition (Computer Game and Simulation Programming)". Retrieved from: <https://www.amazon.com/Game-Programming-Teens-ComputerSimulation/dp/1598635182>.
5. Martey, R.M., Galley, J.S., Shaw, A., McKernan, B., Saulnier, T., McLaren, E., Rhodes, M., Folkestad, J., Taylor, S.M., Kenski, K., Clegg, B., & Strzalkowski, T. (2016), "Balancing Play and Formal Training in the Design of Serious Games", *SAGE Journals: Games and Culture*, 12(3), 269-291. Doi: <https://doi.org/10.1177/1555412016674809>
6. Flores, E., Tobon, G., Cavallaro, E., Cavallaro, F.I., Perry, J.C. & Keller, T. (2008), "Improving patient motivation in game development for motor deficit rehabilitation", *ACE '08 Proceedings of the 2008 International Conference on Advances in Computer Entertainment Technology*, 381-384. Doi: [10.1145/1501750.1501839](https://doi.org/10.1145/1501750.1501839)
7. Goude, D., Björk, S., Rydmark, M. (2007). "Game Design in Virtual Reality Systems for Stroke Rehabilitation", *Stud Health Technol. and Inform.* 125:146-148.
8. Cameirao, M. S., Badia, S. B., Zimmerli, L., Oller, E. D., Verschure, P. F. M. J., (2007), "The Rehabilitation Gaming System: a Virtual Reality Based System for the Evaluation and Rehabilitation of Motor Deficits." *Virtual Rehabilitation*, 2007 (September 27-29) 29-33. doi: <http://doi.acm.org/10.1109/ICVR.2007.4362125>
9. Amory, A., Naicker, K., Vincent, J., & Adams, C. (1999), "The use of computer games as an educational tool: Identification of appropriate game types and game elements", *British Journal of Educational Technology* 30(4), 311 – 321. doi: [10.1111/1467-8535.00121](https://doi.org/10.1111/1467-8535.00121)
10. Cheng, C.H., Ho Su, C. (2012), "A Game-based learning system for improving student's learning effectiveness in system analysis course", *Procedia - Social and Behavioral Sciences*, 31, 669-675. doi: <https://doi.org/10.1016/j.sbspro.2011.12.122>
11. Schrier, K. (2017), "Designing Games for Moral Learning and Knowledge Building", *SAGE Journals: Games and Culture*. Doi: <https://doi.org/10.1177/1555412017711514>
12. Dondlinger, M.J. (2007), "Educational Video Game Design: A Review of the Literature", *Journal of Applied Educational Technology*, 4(1). Retrieved from: https://www.researchgate.net/publication/238444705_Educational_Video_Game_Design_A_Review_of_the_Literature.
13. Cagiltay, N.E. (2007), "Teaching software engineering by means of computer-game development: Challenges and opportunities", *British Journal of Educational Technology*, 38(3), 405–415. doi: [10.1111/j.1467-8535.2007.00705.x](https://doi.org/10.1111/j.1467-8535.2007.00705.x)
14. Rhodes, R.E., Kopecky, J., Bos, N., McKneely, J., Gertner, A., Zaromb, F., Perrone, A. & Spitaletta, J. (2017), "Teaching Decision Making With Serious Games: An Independent Evaluation", *SAGE Journals: Games and Culture*, 12(3), 233-251. doi: <https://doi.org/10.1177/1555412016686642>.
15. Strzalkowski, T., & Symborski, C. (2016), "Lessons Learned About Serious Game Design and Development", *SAGE Journals: Games and Culture*, 12(3), 292-298. Doi: <https://doi.org/10.1177/1555412016673524>

Index Terms

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Information Sciences

Keywords

Extinct, Framework, Game, Installation, Programming skills, Rural game, System architecture design.