

Megh and Sarita – Educational App Development

Varad Paradkar¹, Paras Ghodeswar², Rohini Jadhav³

Department of Computer Engineering^{1,2,3}

Smt. Kashibai Navale College of Engineering, Pune, India

Abstract: *Augmented Reality superimposes virtual objects over real world environment. Educators know that learning deepens, not just through reading and listening, but also through creating and interacting. Visual novel is a trending form of gaming and storytelling. It has as turned out to have a high level of user engagement. This project aims to enhance current educational system using these technologies. These applications provide with creatively designed modules for better learning through Augmented reality models, simulation experience and a journey with the help of a visual novel. This project can enhance learning, creativity and retention among students. Our applications will also foster intellectual curiosity among students making them smarter. We aim to change the conventional way of education and open a new opportunity towards a smart classroom. The aim of this project is to make the contents of a geography textbook available in an interactive visual format using Augmented Reality, Simulation and visual novel.*

Keywords: Unity, Education, App Development, Geography, Rivers, Clouds

REFERENCES

- [1]. <https://online.maryville.edu/blog/augmented-reality-in-education/>
- [2]. <https://elearningindustry.com/augmented-reality-in-education-staggering-insight-into-future>
- [3]. <https://www.nationalgeographic.org/encyclopedia/cloud/>
- [4]. <https://byjus.com/free-ias-prep/ncert-notes-geography-clouds/>
- [5]. <https://scied.ucar.edu/interactive/make-thunderstorm>
- [6]. [https://sciencing.com/10-geographic-regions-world-8774247.html#:~:text=The%20eight%20official%20DH%20S%20recognized,South\)%20in%20the%20Western%20hemisphere.](https://sciencing.com/10-geographic-regions-world-8774247.html#:~:text=The%20eight%20official%20DH%20S%20recognized,South)%20in%20the%20Western%20hemisphere.)
- [7]. <https://youtu.be/xW-TS674PLM>
- [8]. <https://arpost.co/2019/11/06/augmented-reality-experience-raises-awareness-for-polar-bears/>
- [9]. <https://pdf4exams.org/climatology-by-savindra-singh-pdf/>