

ABSTRACT

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THE TERRESTRIAL ECOSYSTEM FOOD CHAIN RECOGNITION APPLICATION USES ANDROID-BASED AUGMENTED REALITY TECHNOLOGY.

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(xvi + 79 + Attachment)

The Application for Introduction to the Food Chain of Terrestrial Ecosystems Using Android-Based Augmented Reality Technology is intended for elementary school children, especially in biology subjects. Augmented Reality itself is an effort to combine objects from the virtual world into the real world or real time. By utilizing Augmented Reality technology, the introduction of the food chain will be more interactive. The application that the author created is depicted in the form of 3D object visualizations using markers and Unity development tools. Based on the results of user trials, the Terrestrial Ecosystem Food Chain Introduction application received a value of 86.5%. These results can be concluded that respondents are very satisfied with the creation of the application.

Bibliography (2012-2020)