

ABSTRACT

Every living thing has its own advantages. Each of the advantages possessed by living beings is used to survive on this earth. Animals and plants also have it. Privileges of these living things we are familiar with special features. When you were in the sixth grade, you must have learned about the adaptation of living things. The special features of living things are used to adapt. In a case study taken at SDN Cipagalo 01 Dayeuh Kolot Bandung, the way of delivering the material - the special characteristics of living things today is to use the introduction book. There are problems that students tend to get bored while studying the material Special characteristics of living things because the material presented only in the form of text and images only. Based on the problem, the author wants to create a multimedia-based learning applications to help teaching and learning activities about biology lessons especially the special features of living things (animals and plants). Application development method used is ADDIE (Analyze, Design, Development, Implementation and Evaluation). While the tools used for application development is Adobe Flash CS6 as an animation processor, Adobe Photoshop CS6 as image processing and Adobe Audition CS6 as voice processing. The test results were made by blackbox testing method to test the application functionality and user acceptance test to test the satisfaction of the built application. The results of this application is used as a learning tool for students to be able to better understand about the material characteristics - a special feature of living things.

Keywords: The special features of living things, ADDIE, Multimedia