

*Development of Cows Digestive System Learning Module Based  
Augmented Reality*

Pengembangan Modul Pembelajaran Sistem Pencernaan Sapi Berbasis  
*Augmented Reality*

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**ABSTRACT**

*One of the lessons contained in the livestock physiology course is the cows digestive system. So that students are able to understand the lessons on the digestive system of cows, teachers need good learning modules. In the teaching process, the learning module has an important role. In general, the learning of livestock physiology courses only uses textbook modules, this causes student's low understanding. This study aims to develop a learning module for the cows digestive system by implementing Augmented Reality technology that is more attractive, interactive, effective in use, and easy to understand. In the development of this module, students can access every feature including Scan Object which can see the organs of the cows digestive system with a 3 dimensional display with various information in the form of text and audio, besides that, students are also able to see various lesson that are still related to the digestive system of cows. The system that was built got 94% results in accordance with the plan.*

**Keywords:** *Learning Module, Augmented Reality, Cow's Digestive System, Modul Pembelajaran, Sistem Pencernaan Sapi, Sapi.*