

Development of Fusion 360 Module for 2D CAD Online Learning

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ABSTRACT

Abstract. The impact of the COVID-19 pandemic on learning is felt, and many students have to carry out online learning. This indirectly has an impact on learning the practice of 2D CAD drawing. While in its implementation it still uses Autodesk Inventor which tends to require adequate computer specs, the memory capacity used is large, causing online student learning to not be carried out as expected. The latest development has developed an application for drawing that is lighter and does not require high computer specs, namely Autodesk Fusion 360. This research aims to develop a 2D CAD learning module using Fusion 360. The research method for developing this learning module uses a 4-D development method consisting of 4 main stages: Define, Design, Develop, and Disseminate. The results of the development were validated by experts as validators and tested on students taking 2D CAD courses. The results indicate that the learning module development product has been successfully developed and is feasible to be used as an online learning tool.

Kata Kunci: *fusion 360, CAD*