A COMPARATIVE STUDY ON BLENDER AND AUTODESK FUSION 360 ON MECHANICAL DESIGN PROCESS

UNDERGRADUATE THESIS

Submitted as one of the requirements to
obtain Sarjana Teknik

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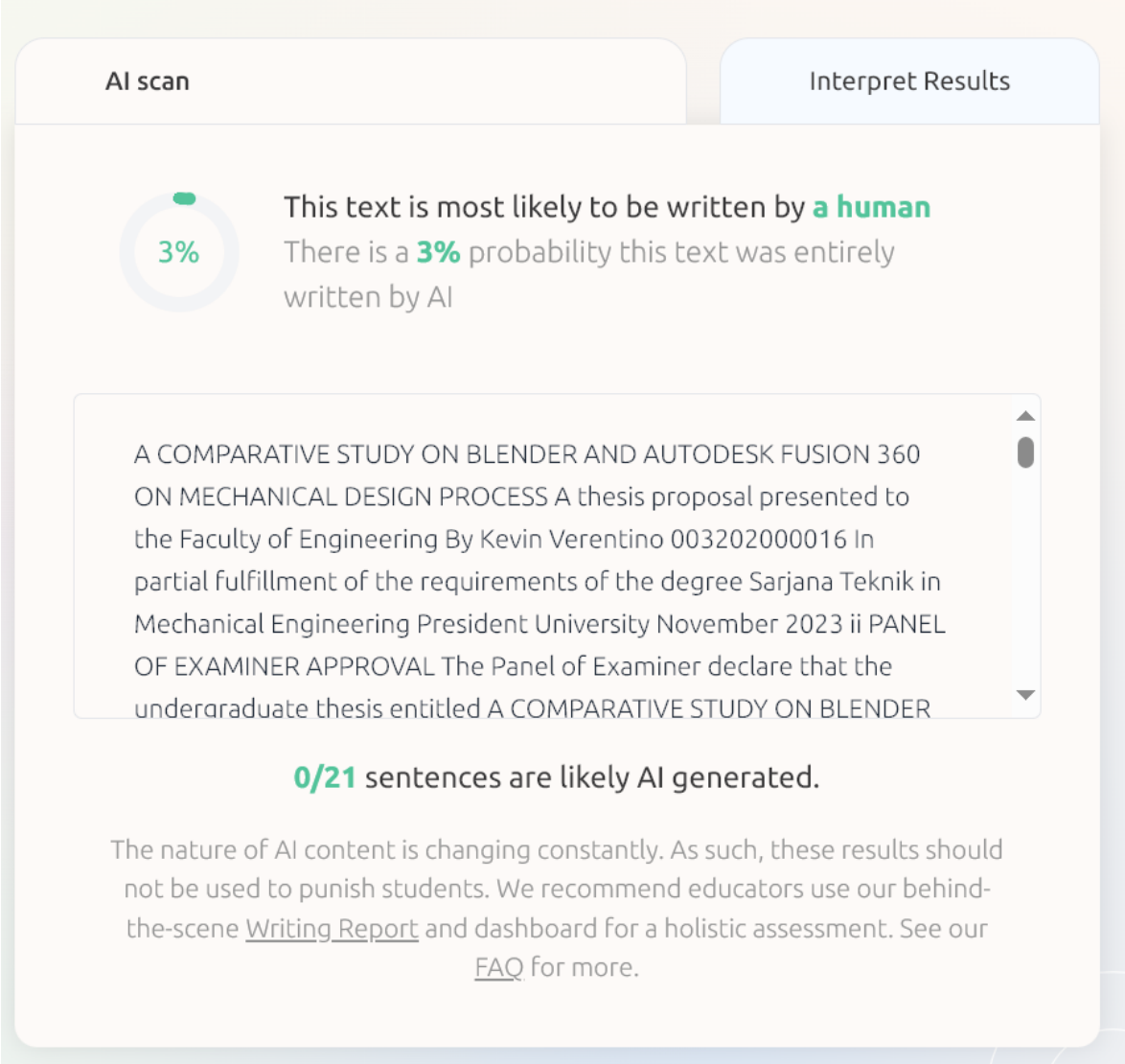

ABSTRACT

The technological improvement of digital software has enabled a wider application in the engineering industry. One of which is the ability to draw and design assemblies in two-dimensional or three-dimensional planes. Such digital software is: Autodesk Fusion 360 and Blender. According to the hypothesis, the usage of software to compute mechanical designs are very beneficial and insightful for the user and the stakeholders of the project. It may also be able to expose possible flaws in the design that may happen before assembly.

Keywords: Blender, Fusion 360, CAD, software, mechanical design

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This paper is written as a final project for Bachelor's Degree for Sarjana Teknik in President University, Cikarang. The subject itself includes the discussion of two popular software used for 3D design. The topic is hopefully useful to determine the effectiveness and usage in mechanical drawing and design.

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Kevin Verentino

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