## **ABSTRACT**

## WEB-BASED INFORMATION SYSTEM OF UPCYCLE FASHION PRODUCT INVENTORY ON THE PERCAIN STARTUP PLATFORM

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Percain is Indonesia's first e-commerce pioneer startup specializing in upcycle fashion, and it has been named to the 2021 Indonesia Digital Startup 1000 Movement. The Percain platform provides processing solutions by upcycling (adding value) fast fashion waste and used clothing into a variety of quality and innovative creative products. The goal of this research is to convert the old inventory system on the Percain platform into a web-based inventory system. Because this system was first created so that the development method is still relevant, it was designed using the native PHP programming language with a MySQL database using the Waterfall method. It is hoped that this system will assist the Percain Team, particularly the warehouse admin section and sales managers, in easily and efficiently processing data. This inventory system can be used to record, process, store, and report product inventory data, which is thought to aid in more structured recording.

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