

ABSTRACT

Designing Modular Fashion Products Utilizing Nafira Batik Fabric Scraps

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Nafira Batik is a small and medium enterprise (SME) in the batik industry located in Sumedang, producing batik fabric sheets, clothing, and accessories. However, Nafira Batik faces challenges due to the limited variation in its fashion product designs and the suboptimal processing of batik fabric scraps. Therefore, this study aims to design modular fashion products by utilizing these leftover fabric pieces. The research method used is qualitative, with approaches including observation, interviews, and design exploration. Through a modular system and the use of zipper and button fastenings, this research develops modular garment designs that can be assembled and disassembled according to user preferences. The patchwork technique is applied to combine the leftover fabrics so they can be processed into modules designed by the author, including base/panel, sleeves, collar, and pockets. The findings show that the modular method not only enables the maximum use of fabric scraps but also creates flexible and visually appealing product variations.

Keywords: Modular Fashion, Batik Fabric Waste, Nafira Batik, Patchwork, Product Design