

ABSTRAK

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Program Studi: Desain Produk

Judul: Perancangan Produk Mebel Apartemen *Studio* Dengan Penerapan Konsep Perakitan Modular

Perancangan ini bertujuan merancang produk mebel untuk apartemen *studio* berukuran 21-35 m² khusus untuk mahasiswa dengan menggunakan konsep perakitan modular. Dalam konteks ruang terbatas, konsep perakitan modular memungkinkan pengguna untuk mengadaptasi dan dapat kustomisasi mebel sesuai kebutuhannya. Metode perancangan melibatkan pengumpulan data primer dan sekunder, analisis data, perancangan produk, hingga pembuatan prototipe. Hasilnya adalah sebuah produk mebel modular yang memadukan fungsi fasilitas berbaring, duduk, penyimpanan dan alas belajar. Modularitas memberikan fleksibilitas dalam penggunaan ruang apartemen *studio* yang terbatas. Perancangan ini diharapkan memberikan solusi bagi penghuni mahasiswa apartemen *studio* dalam menjalani aktivitas sehari-hari sekaligus memberikan kenyamanan dalam ruang terbatas.

Kata kunci: produk mebel, apartemen *studio*, perakitan modular, fleksibilitas ruang.

ABSTRACT

Name: Marcelina Angga

Study Program: *Product Design*

Title: *Studio Apartment Furniture Product Design Process Using The Concept of Modular Assembly*

This design process aims to create furniture specifically for college students living in studio apartments, sizes ranging from 21-35 m², with applying the concept of modularity. In the context of limited space, the concept of modularity opens possibilities for the user to adapt and customize furniture accordingly to their needs. The methods used in this design process includes the collecting of primary and secondary data, the analysis, the designing of the product until the making of its prototype. The result is a modular furniture that can be used as a facility to lie down, sit, as storage, and as a study medium. Modularity brings flexibility in utilizing limited studio apartment spaces. This design process is expected to bring a solution to college students living in studio apartments to carry out their daily activities as well as to give comfort in such limited living spaces.

Keywords: *furniture, studio apartment, modularity, flexibility*