

ABSTRACT

The Covid-19 pandemic has resulted in efforts to make people do activities at home which results in boredom and want to create comfort while at home. Especially by doing a staycation in the outdoor area of the house or at a relative's house. This can be seen from the increasing demand for lounge chairs for outdoor needs, which can be seen from the furniture manufacturer data and survey data. Because the weather conditions of each region are different, in the design of a lounge chair product using synthetic rattan, it is necessary to consider the material aspects that are adjusted to the placement area so that the product has good resistance to weather changes so that it is more durable. In this design, the case study at CV. Archipelago Exports and Patterson City, California, United States. The data in this design are obtained from literature studies, observations, and interviews. Using a qualitative method applies a minimalist concept with the main consideration of material aspects, secondary function, appearance, and tertiary ergonomics. The chair material uses aluminum as a frame, HDPE synthetic rattan as a webbing and olefin fabric, PET and Polyester foam as a cushion. It has armrests, a wider size, and a lower seat for relaxation and socialization needs. Uses measured geometric shapes and neutral colors.

Keywords: Lounge chair, materials, minimalism