

## ABSTRACT

The progress of the local and global furniture industry opens opportunities for Indonesia to once again produce local furniture to support the economy. Millennials, as the largest furniture market segment in Indonesia, have an interest in modular furniture. The modular furniture system provides ease of mobility, installation, and customization in optimizing the use of increasingly limited living space. This research focuses on designing a modular cabinet that accommodates the needs of millennials. The design process is carried out using the following methods: observation, interviews, questionnaires, and literature review, followed by the design process using the *User-Centered Design* method and identification of *user* personas. The research results indicate that millennials require easily adjustable and durable cabinets. The designed furniture will be a combination of the on-a-frame and single-bodied modular system with a *knockdown* system to facilitate mobility and customization using *sustainable* materials, namely *steel* and *multi-plywood*.

**Keywords:** millennial; modular wardrobe; *sustainable* design