

## **ABSTRACT**

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*Study Program : Architecture*

*Title : Student Housing Design for Generation Z with Flexibility  
Architecture Approach in Medan*

*Generation Z is the generation after the millennial generation who were born in 1995-2010. In 2020, generation Z is already in high school and university. Those who come from outside Medan region, just like other generations, occupy a dormitory when studying at a school or university far from the area where they live. Their daily activities as students while in the dormitory are studying, doing assignments, socializing, and settling down (resting) comfortably. Generation Z has different characteristics from other previous generation so that dormitory need to adapt to the development of a generation that has undergone changes in design, facilities and maybe technology. Generation Z brings their own expectations and experiences to the dormitory environment. Space formation must be flexible and can be easily reconfigured and moved to accommodate the sudden or planned event of Generation Z. The problem formulation is to figure out how to design buildings and spaces to accommodate all the characteristics of Generation Z through spatial flexibility.*

*The theory used is the theory of space flexibility, space programming, study of spatial forms and their connectivity according to the needs and activities of generation Z. The research used quantitative methods to determine the characteristics with space wish of generation Z in Medan and also studied literature and precedents. Later, this data will be used to design dormitory in accordance with the characteristics of generation Z.*

*The dorms are designed by mixing several space programs to create flexible spaces, openings and transitional spaces. From the arrangement of this space program, creative building designs will appear in accordance with the spatial*

*program. With the above concept, Generation Z can feel comfortable and in accordance with their characteristics in the dormitory.*

*Keywords: student housing, generation Z, characteristics, flexibility*

