

ABSTRAK

Name : Shelly Antoni

Study Program : Architecture

Judul : *Senior Living Design to Achieve Active Aging Through Environmental and Behavioral Architecture Approach at Kapuk Muara*

Indonesia is experiencing Aging Population Phenomenon due to the growth of elderly population. Hence, nursing home facilities for the elderly are needed. However, existing nursing homes have facility and activity limitations. Jakarta itself does not have Senior Living residential specialized for elderly people that is equipped with recreation, mental and physical care, as well as public service facility for the elderly.

This research aims to identify and design Senior Living residential to achieve active aging for The elderly. The design strategy chosen is behavioral and environmental architecture approach which can increase the life quality of the elderly, fulfill the need of recreation facilities, mental and physical care, and active aging. The methodology used for this research is qualitative descriptive method conducted in 4 stages: (1) Identification of typology precedent, (2) exploration of the elderly needs through interview with the elderly and expert resource person, (3) need analysis of active aging with environmental and behavioral architecture approach, (4) design recommendation for the Senior Living facility.

The result of this research is a Senior Living building design to achieve active aging through environmental and behavioral architecture approach located in Kapuk Muara. This Senior Living design implements the concept of harmony, which has 3 aspects: harmony with nature, harmony with people and harmony with the buildings. This harmony concept causes the Senior Living design to become a vessel that is capable to accommodate every kind of elderly activity and need supported by facilities and infrastructure in the aspect of nature, human, and surrounding environment.

Keywords: *Elderly; Senior Living; Active Aging; Environment and Behavioral Architecture*