

TRANSFORMABLE DOMESTIC SPACE FOR HIGH RISE BUILDING

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ABSTRACT

Nowadays, everywhere around the world apartment space is getting smaller but the cost is getting expensive. Due to the increasing of population, busy cities such as Kuala Lumpur, Shah Alam and Penang, the need for area to live become extremely vital. In order to solve this problem, this project suggests the usage of three walled systems in an apartment building which able to change according to preference of the user to a kitchen compartment, mini theater system and bedroom. Every unit of an apartment room will have 3 transformable room systems, these should work automatically with the press of switches, the scope of the civil engineer is to design a 5 storey apartment building and well as planning the location for the pipeline. As for mechanical engineering students the team members with the kinematic function of the space. The manufacturing engineer will perform ergonomics and the interior design.