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Poster Book

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Editors:

*Dr Aidatul Fadzlin Bakri, Nurzafira Zainul Abidin, Sr Dr Noor Akmal Adillah Ismail,
Dr Har Einur Azrin Baharuddin, Assoc. Prof. Ts Gs Dr Abdul Rauf Abdul Rasam*



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Generations of Professional Excellence

Unleashing Potentials
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MALL WALKING CIRCUIT : IIIDBEE X 2022

Elevated walkway to improve walkability in Kuala Lumpur

International Invention, Innovation & Design Exposition For Built Environment And Engineering 2022



Fakulti
Senibina,
Perancangan
dan Ukur

INTRODUCTION

Mall Walking is the phenomenon of people walking inside the mall when the mall is not in operational time.

Location: Tiongnam or Chow Kit in Kuala Lumpur, Malaysia.



OBJECTIVES

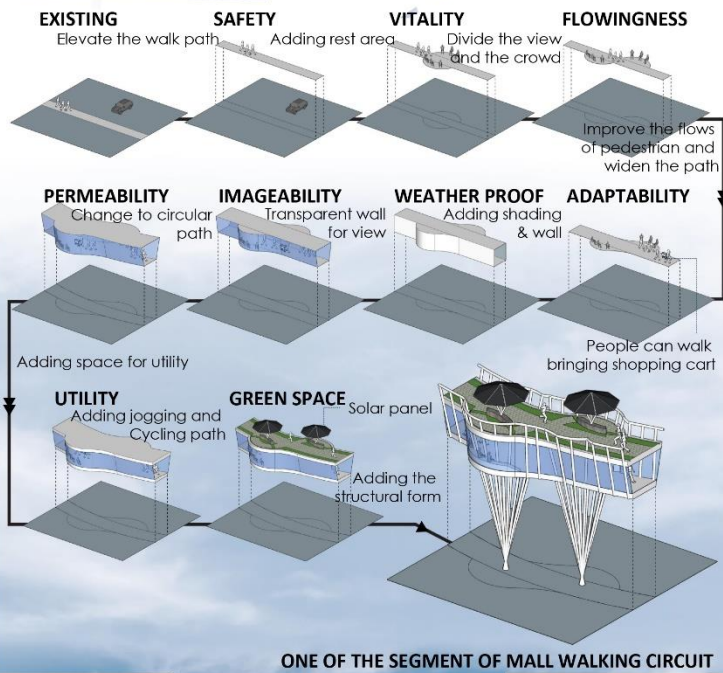
- MOVEMENT**
Create a better and safe walking experience by elevating the path
- MIXING USES**
Connect the path to various kinds of use for shorter travel by walking
- NATURAL MOVEMENT**
Inject spatial principles and human dimensions to keep the vitality of paths

METHODOLOGY

- Locating the potential spatial area by space syntax
- Indicate walkability elements
- Implementing the element into the design
- creating to mall walking circuit through design process



FINDINGS AND DESIGN



ISSUES / PROBLEM

- The average walking in Malaysia is below the global average.
- The registered vehicles outnumber the population of Malaysia.
- The society today has become a car-dependent society



NOVELTY

New walkability elements :

- Injecting purposes
- Comfortable path conditions
- Spatial principles

This project promote the idea of sustainable urban transportation mode.

CONCLUSION

The implication of this project is not limited to improving walking behavior in society but also can improve the vitality of the shopping centers by generating visitors.

- Increase pedestrian
- Promote the shopping activity
- Reduce private car ownership

RECOGNITIONS

This study is in the process of publication. It has been shared to the local authority for knowledge-sharing.

CONFERENCES & PUBLICATION

- A. Andi, I. A. Abednego, and B. J. Br. Gultom, 'Space Syntax Guide to Optimize Shopping Mall: A Systematic Review', *IJEAS*, vol. 1, no. 01, pp. 19-30, Feb. 2021, doi: [10.26418/ijeas.2021.1.01.19-30](https://doi.org/10.26418/ijeas.2021.1.01.19-30).
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