



UNIVERSITI
TEKNOLOGI
MARA

Perak Branch

AICAD
ASIA INTERNATIONAL COMMUNITY
OF ART & DESIGN

PRESENTS

INDDEx

INTERNATIONAL DEGREE DESIGN EXCHANGE

2022

★ RESET • REBUILD • RECONNECT ★

**UNIVERSITI TEKNOLOGI MARA
PERAK BRANCH
SERI ISKANDAR, PERAK, MALAYSIA**

14-22 AUG 2022

DEGREE SHOWCASE - Catalogue

**International Degree Design Exchange
(INDDX) 2022**
Degree Showcase E-Catalogue

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DEGREE SHOWCASE

Name : Bella Elvaretta
 University : Universitas
 Pembangunan Jaya

Department : Product Design
 Project Title : Ultralight Walking
 Bag

Elderly



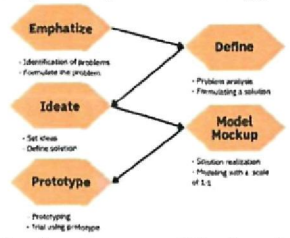
Introduction / Background

The Elderly are those who are over 60 years old (MOH). The Elderly will go through a process called the aging process which brings various consequences in the form of physical, mental, and social problems so that the elderly will experience limitations. The elderly tend to experience high dependence because the physiological abilities of the elderly organs naturally have decreased function, such as stiffer muscle movements, shaking hand movements, increasingly unstable balance control, and decreased ability to see in low light.

Media Planning / Purpose

The purpose of this implementation is to provide a new alternative that can solve the problem of the limitations of the elderly in walking and seeing in minimal lighting. There is currently no use of a cane that provides a safe place to carry things, even though when they are active outside the home, generally the elderly will carry a wallet and glasses. The expected result is that the elderly can walk using a cane safely, comfortably, and practically.

Objective / Methodology



Design Process / Design Concept

The design of the ultralight walking bag is made so that the elderly can walk using a cane and when they need lighting assistance they can press the lamp to release light. This tool is the latest innovation for the elderly who have weak legs and poor vision in the dark, to minimize injuries that can occur without assistive devices. In addition, it can also help the elderly so that the items they need can always be within reach. The elderly do not need to carry a flashlight anywhere, because this tool can be moved periodically.

Design



Side view



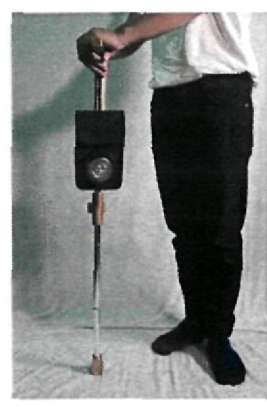
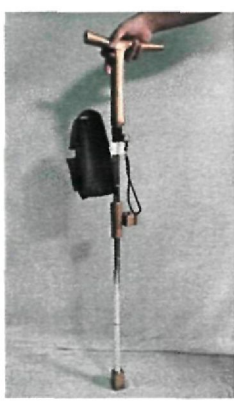
Back view



Front view



Perspective view



Surat kami : 700-KPK (PRP.UP.1/20/1)
Tarikh : 30 Ogos 2022

YBhg. Profesor Ts Sr Dr Md Yusof Hamid, PMP, AMP
Rektor
Universiti Teknologi MARA
Cawangan Perak



YBhg. Profesor

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Kelulusan daripada pihak YBhg. Profesor dalam perkara ini amat dihargai.

Sekian, terima kasih.

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