



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 : Baihaqi Aura Putra
 University : Universitas
 Pembangunan Jaya

Department : Product Design
 Project Title : ALSINI ELDERY STICK

Introduction / Background

The older one gets, the weaker one's physical body is, starting from reduced energy, increasing disease, even some elderly people sometimes need assistive devices in carrying out some daily activities. One of the most common activities is walking. This study was made to help the elderly in walking downhill or uphill. Then made a design that can be stored easily. The method used in carrying out this research begins with field observations, identifying the activities of the elderly who will go to the mosque that goes down and uphill, then determine what kind of products are suitable for the problems experienced by the elderly. The results obtained are a walking stick design that is easy to carry, lightweight, safe, and easy to store when performing prayers in the mosque that is adapted to ergonomic principles.

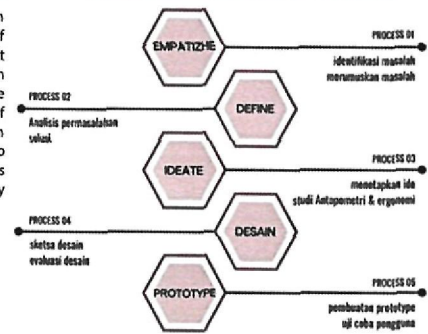
Media Planning / Purpose

Purpose to help the problems of the elderly who have difficulty in carrying out walking activities, the lack of support and assistive facilities for the elderly in Indonesia often makes it difficult for the elderly to carry out daily activities. The prototype made in the form of a walking stick designed to be easy to use and with a light weight to use is expected to help the elderly in carrying out their daily activities so as to reduce the potential for the elderly to fall or slip when passing through uphill or steep roads.

Design Process / Concept

The design of the assistive device made is in the form of a walking stick which consists of several main components of the product which are adapted from similar products with different functions, such as in the trunk of the stick taking the principle of the types of hiking sticks and folding sticks that are often used by mountaineers to makes it easier to travel when passing through difficult areas (uphill or downhill) and requires more energy when passing through these areas.

Objective/ Methodology



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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