

Cawangan Perak

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BUILDCON2023

COMPILATION OF PROJECT INNOVATION IDEAS SEMESTER MARCH – AUGUST 2023

EMBRACING SMART CONSTRUCTION TRANSFORMATION

BUILDERS' CONVENTION DAY 2023

Department of Built Environment Studies and Technology College of Built Environment Universiti Teknologi MARA Perak Branch

BUILDCON 2023 COMPILATION OF PROJECT INNOVATION IDEAS SEMESTER MARCH – AUGUST 2023



Organised by Department of Built Environment Studies and Technology College of Built Environment Universiti Teknologi MARA Perak Branch Malaysia

BUILDCON 2023 COMPILATION OF PROJECT INNOVATION IDEAS SEMESTER MARCH – AUGUST 2023

Editors

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SMART AND SECURE ANTI-THEFT PADLOCK Muhammad Sharizan Nordin¹ and Hafizah Mohd Latif²

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Smart And Secure Anti-Theft Padlock

Innovation Idea:

Construction sites have always been susceptible to theft, resulting in significant financial losses and project delays for construction companies worldwide. To address this critical issue, this research paper focuses on the innovation and development of new anti-theft devices aimed at enhancing the security measures within construction sites. The study investigates the current state of theft in construction sites, identifies vulnerabilities, and explores potential solutions through cutting-edge technological advancements. This research encompasses a comprehensive review of existing literature on theft in construction sites and the available anti-theft technologies. The literature review highlights the increasing occurrences of theft and the limitations of traditional security measures. Through this exploration, the research aims to understand the key challenges that necessitate novel and innovative anti-theft solutions.

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Saya yang menjalankan amanah,

Setuju.

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