

ABSTRACT

DESIGNING STORAGE FACILITIES FOR SHEET MATERIALS ON SCOOTER MOTORCYCLES FOR DESIGN STUDENTS

By:

ADINDA LATIFAH

1602201127

***Product Design, School of Industry Creative,
Telkom University, Bandung, 40257, Indonesia***

Email: adindalatifahyam@gmail.com

Design students often encounter difficulties in transporting flat and wide sheet materials (such as PVC board, corrugated paper, and impraboard) using motorcycles. This can lead to damage to the materials, discomfort, and even accidents. This research aims to design a safe, practical, and aesthetic storage solution for design students' belongings when using motorcycles. The study employs qualitative research methods including interviews, surveys, field observations, and literature reviews. The Human Centred Design (HCD) approach is utilized to understand user needs and generate effective solutions. Several design solutions for storage facilities are proposed, including specialized backpacks, motorcycle boxes, and combinations thereof. These design solutions consider aspects of safety, practicality, aesthetics, and specific user needs. Designing storage facilities for sheet materials on motorcycles for design students contributes to enhancing comfort, safety, and efficiency in learning and creative activities.

Keywords: *cargo, Motorcycle, Design student, Sheet Material, Human Centered Design*