

ABSTRACT

MULTIFUNCTIONAL HANDGRIP DESIGN WITH SEXUAL HARASSMENT ALARM FEATURES FOR KRL PASSENGER

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Electric Rail Train (KRL) Commuter Line is one of public transportation that has a big role and is often used by the public. In addition to having extensive travel routes with economical ticket prices, KRL also has a large passenger capacity. This causes frequent jostling conditions between passengers. This condition is often used by perpetrators of sexual harassment to harass other passengers on the KRL. Often victims of sexual harassment feel ashamed and reluctant to report the incident to the authorities. In the process of this research, the author uses the Kansei Engineering Type-II (KES II) research method which is analyzed by correlation analysis to determine the respondent's impression of the product. The use of Design Thinking is also applied to the design process assisted by KES II at the ideation stage. The author wants to design a product on KRL in the form of innovation by adding an alarm feature on the handgrip that can be used personally and becomes a warning in preventing acts of sexual harassment on KRL.

Keywords: Handgrip Design, Warning Multifunction, Sexual Harassment