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Design and Development of Attachable Mini Trash Box Holder for Drafting Table

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Abstract: *The objective of this study is to design and develop an attachable mini trash box holder which will be attached to the drafting table of the students. It was designed for the user to have an accessible trash box where they can dispose their garbage, particularly the pencil shavings, paper waste, and other cut materials during the making of miniatures. Thus, it will maintain the cleanliness of the user's table, and so the classroom. The study used a descriptive developmental research design, and weighted mean as the statistical tool in analyzing the data. A sample population of 30 participants are the BSIT-ADT students from first to third year of Surigao del Norte State University. They were the respondents of the online survey using google form and were selected using the Stratified random sampling. The respondents evaluated the attachable holder according to its manageability in table 1, with a weighted mean of 3.70 which means Accessibility in table 2 got a weighted mean of 3.50, which also means Table 3 containing the effectiveness in terms of Aesthetics got 3.65 which indicates economy in table 4, got 3.71 terms of safety got 3.56, which means Very Effective. As per findings, the respondents have seen that the attachable mini trash box holder has a positive impact based on its effectiveness in terms of Manageability, Accessibility, Aesthetics, Economy, and Safety. It was acknowledged by the*

Keywords: Architectural Drafting, Attachable Mini Trash Box, Drafting Table, Miniature

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