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Effectiveness Study of EZY Endurance Pantspron Use in Course SKA 4103 Pembuatan Kasut Beraksesori at Manjung Community College

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Abstract

The development of Shoe Crafts and Leather Crafts nowadays has a huge impact on its entrepreneurs. In general, skills and interests in the field need to be applied in the soul as early as when learning in the classroom again to form the ethics of a student of caliber and professional. Therefore, the study on the effectiveness of the use of EZY Endurance Pantspron products focuses on students of the Shoe and Craft Manufacture Certificate Program and shoe craftsmen who face dirt and discomfort with their clothes, while carrying out work related to the manufacture and repair of shoes, and leather crafts. From the initial study, it was found that the average student and entrepreneur is not comfortable doing work with the existing apron, because the existing apron is made of thin material, easily torn and rotten. EZY Endurance Pantspron facilitates and assists students in the Shoe Making and Leather Craft Certificate program at Manjung Community College in preparing themselves before and while doing practical work at the college and helps Malaysian craftsmen who face dirty clothes due to shoe glue and dust, their skills and image. EZY Endurance Pantspron has pockets that serve to place small appliances and dispose of leather and paper waste. The problem of dirty floor can also be reduced. This EZY Endurance Pantspron is very strong, durable and very suitable for shoe making work compared to aprons made from other types of materials. In addition, when the work is completed, this apron serves as a storage bag so that it is easy to carry to class, or to the shoe manufacturing industry. The respondents of this study involved 15 students selected from SKA 4103 Pembuatan Kasut beraksesori, Certificate of Shoe Making And Leather Craft, 15 participants of short office shoe making course and 3 shoemakers around Manjung district. Samples are given to respondents to get feedback from them. Respondents are also distributed questionnaires; this method is the easiest and fastest way to get information. Data analysis is done using Microsoft Office-Microsoft Excel 2016. The accuracy of the data obtained contributes to the reliability of the product produced to expand its potential use.

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Keywords: Personal inventory, equipment storage, products

OBJECTIVE

This product is running on several main objectives, namely to:

- i. Establish a dress code as a professional shoe-making student during class.
- ii. Easy to access equipment during class.
- iii. Reduces the problem dirty floor from scrap leather and paper.

MATERIALS USED

The materials used in the production of this product are as follows:

- a) 2 pieces of used denim pants
- b) Buckle 2 inch 1 seed
- c) Buckle 1 inch 2 seeds
- d) Buckle 1/2 inch 2 seeds
- e) Snap Button 3/4 inch 4 seeds



Figure 1: Denim Pants (used)



Figure 2: Shows the EZY Endurance Pantspron worn during PDP and can be folded into a bag for storing sewing equipment at the end of class.



Figure 3: Shows the use of EZY Endurance Pantspron during the PDP

DESCRIPTION BEFORE THE PRODUCT IS IMPLEMENTED

Before this product was carried out, it was found that SKA 4103 course, students had problems with not being ready with enough shoe making equipment, and often borrowed from other students. At the end of the class, it looks dirty because of the habit of throwing leftover pattern paper or leather to the floor. Therefore, the planner to make an apron worn during the course SKA 4103 Manufacture of Accessory Shoes is designed. It is worn before the class starts as a preparation by placing some basic woodworking tools in the pocket such as a hammer, vise, shoe pliers, and file used during shoe making. It makes the equipment easier to achieve while making pattern making, sewing and repairing shoes. This product is also one of the alternatives to avoid the problem of students not bringing equipment to class or borrowing from friends. In addition, dirt on the floor can be reduced because the small-scale garbage can be temporarily disposed of in the apron pocket. At the end of the class, the apron can be folded into a bag to put some craftsmanship shoes.

Students are often found unprepared when classes are about to take place. Shoe making equipment is also not easily accessible, far away or in the tool box and makes it difficult for students to practice while in class. At the end of the class, it is always dirty when students throw rubbish on the floor and there is no ethics while in the classroom. For shoemakers, they face the problem of a limited work space, especially for street shoemakers.

BRIEF STATEMENT OF PROBLEMS FACED BEFORE THE PRODUCT WAS INTRODUCED

Here are some of the problems encountered before the product was introduced:

- Students do not have a specific ethic of wearing aprons and are less prepared with the PDP that takes place.
- Students find it difficult to achieve the craftsmanship to be used.
- Classes look dirty because of the habit of throwing rubbish on the floor.

PRODUCT FUNCTIONS

The function of the product produced is based on the following interests:

- Produce products that can make it easier for students to achieve crafting equipment quickly.
- The apron can be modified and folded into a craft bag storage bag at the end of the class.

WORK PROCESS FLOW CHART

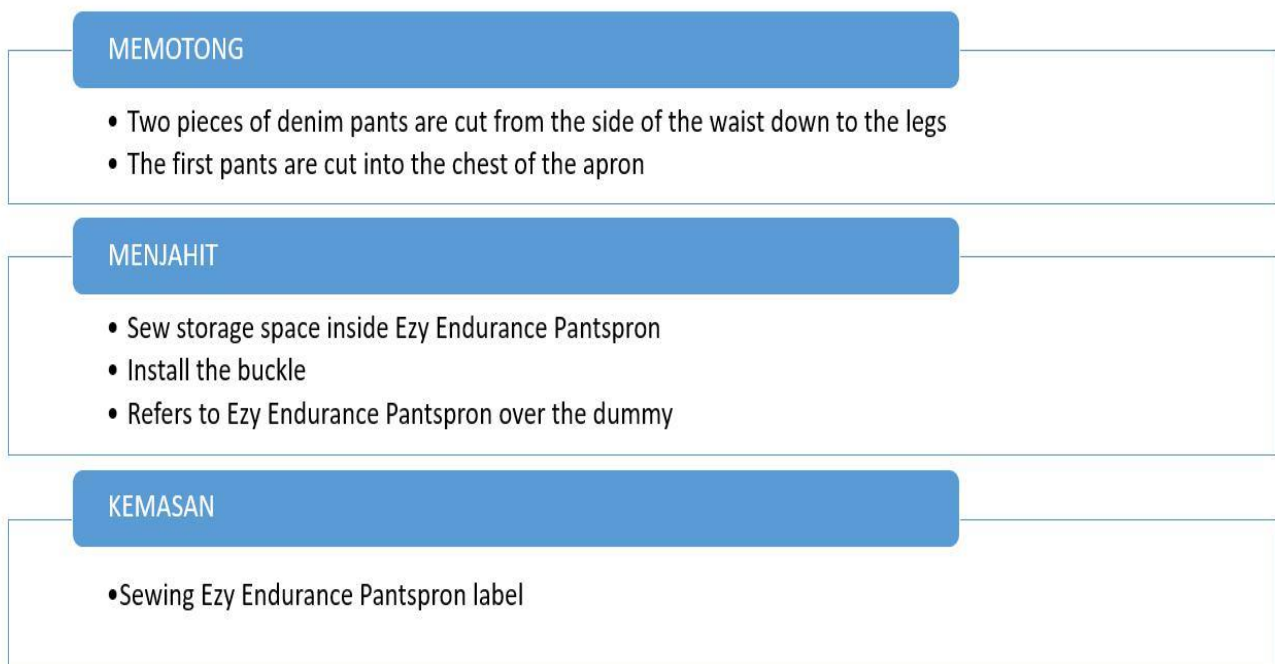


Chart 1: Shows a flow chart of the EZY Endurance Pantspron manufacturing process from used denim pants

PRODUCT METHODOLOGY

The product methodology implemented is as follows:

- a) Product revenue
This study involved 15 respondents selected from SKA 4103 Shoe Making Shoes, Shoe Making Certificate and Leather Craft, in Manjung Community Coke, 15 participants of short office shoe making course and 3 shoemakers around Manjung district. All respondents are given the opportunity to use this product to get feedback.
- b) Distribute questionnaires to respondents Another research methodology used to gather information is by distributing questionnaires. This method is the easiest and fastest way to get information.
- c) Data analysis
Data analysis was done using Microsoft Office-Microsoft Excel 2016. The accuracy of the data obtained contributes to the reliability of the products produced.

Difficulty in obtaining equipment during PDP / while carrying out shoe making work

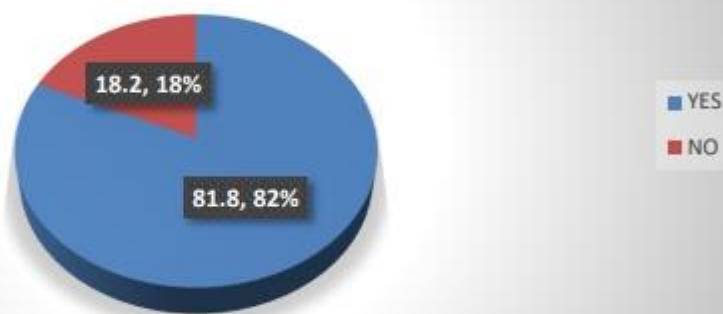


Figure 2: Shows that 81.8% of respondents think it is difficult to access equipment during PDP / while carrying out shoe making work while only 18.2% stated that they do not have difficulty accessing equipment during PDP / while carrying out shoe making work.

Have a special bag to carry shoemaking equipment if services are needed outside the area

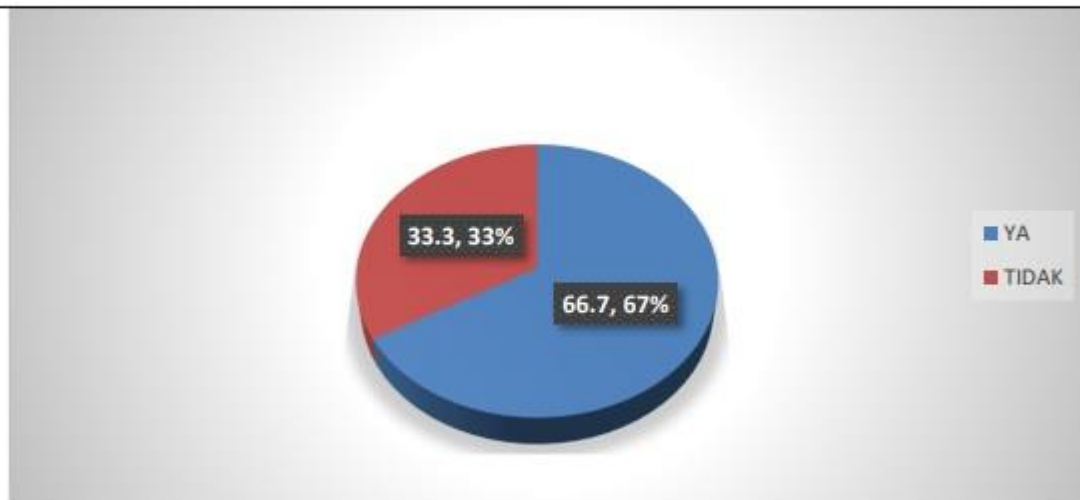


Figure 3 Shows that 66.7% of respondents have a special bag to carry shoe crafting equipment if services are needed outside the area while 33.3% stated that they do not have a special bag to carry shoe crafting equipment if services are needed outside the area.

Having difficulty storing / carrying the appropriate equipment to make it easier for equipment to be picked up during PDP / during shoemaking work

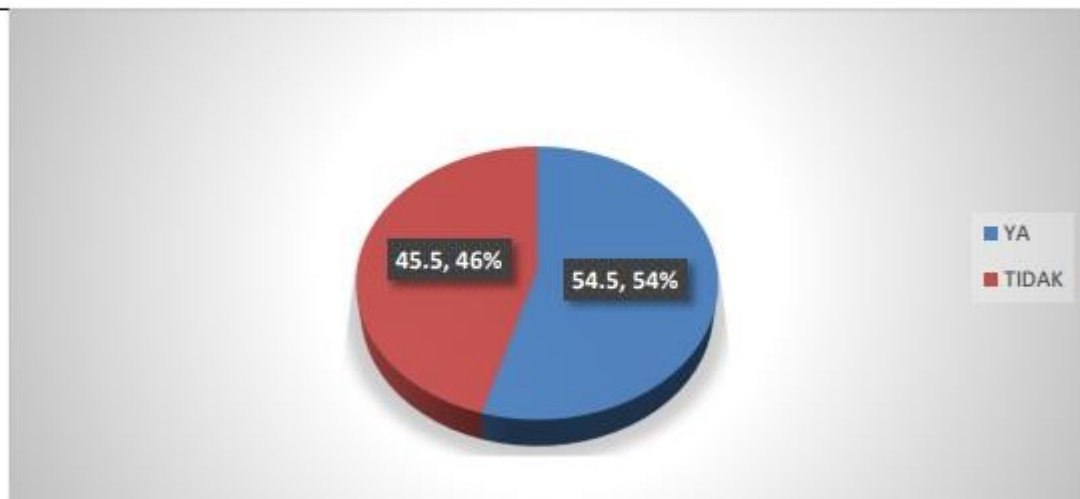


Figure 4: Shows that 54.5% of respondents have difficulty storing / carrying the appropriate equipment to facilitate equipment taken during PDP / during shoe making work while 45.5% stated do not have difficulty storing / carrying the appropriate equipment to facilitate equipment taken during PDP / current smoking work is carried out.

Require the wearing of a special apron as a protective clothing from dirt as well as that facilitates access to equipment during PDP / during shoe making work carried out

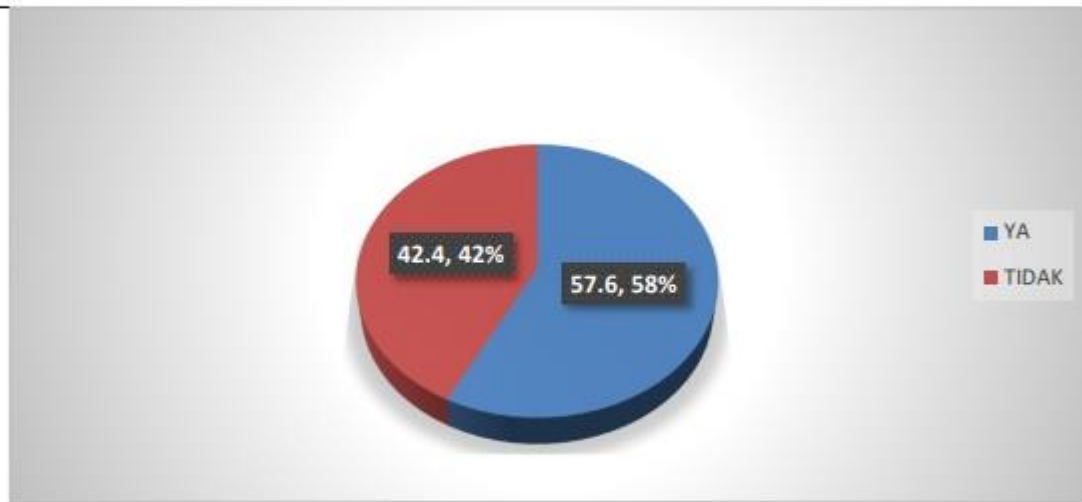


Figure 5: Shows that 57.6% of respondents need to wear a special apron as a protective clothing from dirt as well as to facilitate access to equipment during PDP / during the shoe making work while 42.4% stated that they do not need to wear a special apron as a protective clothing from dirt and that facilitates access to equipment during PDP / during shoemaking work.

The use of Ezy Endurance Pantspron makes it easy for you to access equipment during PDP / during shoe making work



Figure 6: Shows that as many as 100% of respondents agree that Ezy Endurance Pantspron makes it easier for you to access equipment during PDP or during shoe making work.

The use of EZY Endurance Pantspron is suitable for use by both male and female students

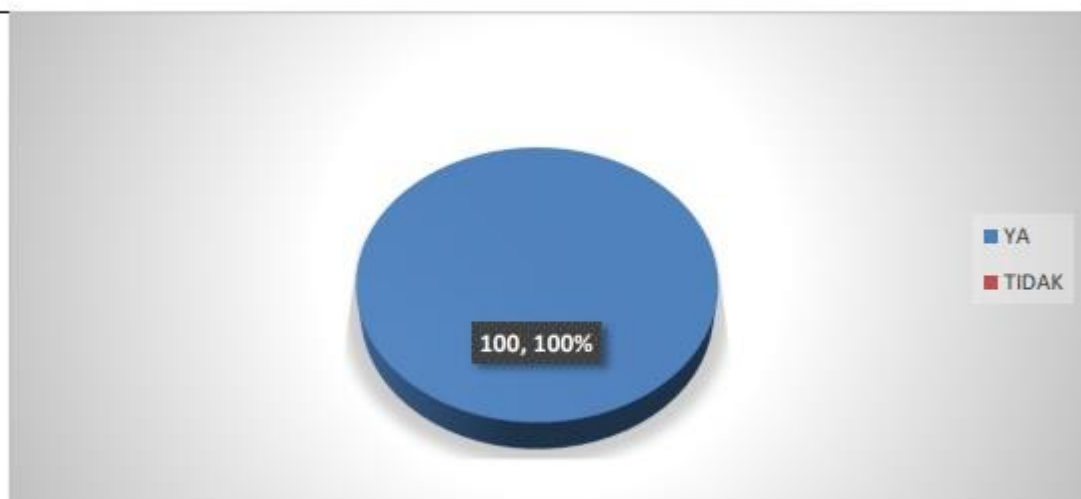


Figure 7: Shows that 100% of the respondents agreed that Ezy Endurance Pantspron is suitable for use by both male and female students.

EXPECTED PRODUCT RESULTS

The product produced is to address the problems faced by students of SKA 4103 Shoe Making Shoes, Shoe Making Certificate and Leather Craft. From the results of the analysis that has been conducted, the use of Ezy Endurance Pantspron can overcome the problem of students who have difficulty accessing equipment during the PDP. The use of this product is also a **medium**, so that students can undergo PDP more professionally and conductively. It can be used with **toolbox** and this reduces the practice of borrowing sewing equipment from other partners. We are also confident that this product can be patented and used by students of the Shoe and Craft Making Program and shoemakers around Manjung district.

CONCLUSION

Difficulty in obtaining equipment during the PDP is a problem that is often faced by students of SKA 4103 Shoe Making Accessories, Shoe Making and Leather Craft Certification and shoemakers in Manjung district. Through this study the problem can be identified and overcome. Through the analysis conducted there are 54.5% of respondents said that they have problems to achieve craftsmanship equipment during PDP and shoe craftsmanship work is carried out. As many as 100% of respondents agree that Ezy Endurance Pantspron makes it easier for you to access equipment during PDP or during shoe making work. The production of Ezy Endurance Pantspron can solve equipment access problems more easily and systematically. This is because this Ezy Endurance Pantspron has a pocket space that can accommodate some basic tools used as well as make it easier to achieve during the PDP. The objectives of the study have been achieved and it is hoped that Pantspron Ezy Endurance Pantspron can be owned by the students of the Shoe and Craft Making Program and shoemakers around Manjung district.

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