

# Application of Ornaments Using *Decoupage Technique* Combined with the effect of acrylic paint on *furniture* At UD Mandiri Telaga Jaya

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## Abstract

This research aims to apply ornaments using decoupage techniques to furniture at UD Mandiri Telaga Jaya. The type of research is R&D (research and development/) research with a qualitative approach . Data collection: observation, interviews, experiments, documentation. Data analysis: data reduction, data presentation, and verification. Research results: stages of applying ornaments using decoupage techniques to furniture: 1) analysis of potential, problems, and gathering information: a) strategic location; b) supporting transportation; c) woodpile; d) adequate buildings; e) building shop. All potential becomes UD Mandiri's strength in facing competitors. The next problem with UD Mandiri is that consumers' tastes for furniture with additional ornaments have not been met; 2) product design : the product uses drawers and chairs that are already available. The design process is used to determine tissue and napkin motifs and create designs for arranging furniture motifs; 3) design validation; 4) design improvements: adding ornamental motifs using painting techniques; 5) product trials; a) preparation of tools and materials; b) preparation of furniture; c) application of napkin wipes; d) adding ornaments to the edges of furniture using painting techniques using acrylic paint; e) applying varnish; f) research results . The application of tissue paper napkins using decoupage techniques as ornaments on furniture, chairs and drawers, has added to the aesthetic value of the furniture , making it an alternative for developing furniture ornaments at UD Mandiri Telaga Jaya.

**Keywords :** Application, Ornaments, Techniques, Decoupage, Furniture

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**INTRODUCTION**

Humans make various efforts to improve their lives. One of his efforts is the desire to beautify himself, to beautify the objects he owns and the natural surroundings ( Bastomi , 2003: 1 ) . The need for beauty is now starting to become an important point in everyday life (Notohutomo, 2017: 48). This is shown by the public starting to become aware of the value of a product that contains artistic value so that it influences the selling value of the product. Likewise with *furniture products* which are part of the furniture that will decorate the house apart from having functional value in space, now there is a lot of demand for *furniture* which not only has a plain appearance but also has aesthetic value. Products are expected to develop from one innovation to another and in processing the product into other by-products (Hasdiana, et al. 2: 2019)

Gorontalo is one of the regions that produces various *furniture products* . Based on data from the Gorontalo Province Industry and Trade Service revealed that there are 202 businesses operating in the wood pile sector spread across several regions in Gorontalo Province. For Gorontalo City, these businesses are spread across several sub-districts, such as: Duingi District, Kota Tengah District, Kota Timur District, Kota Barat District, Telaga Jaya District. ( Irna Marsia, 43 years old)

One of the wood pile businesses operating in Telaga Jaya District is UD Mandiri. According to Adrian Puhi, the founder of the business, in 2013 he founded UD Mandiri Telaga Jaya alone without help from anyone. As time went by, Adrian was assisted by one employee, namely his nephew. At first, he only sold *furniture products* made from teak and cempaka wood. As time goes by, in 2022 UD Mandiri Telaga Jaya has grown very much, this can be seen from the number of employees increasing to 15 employees and already selling various types of wood. UD Mandiri Telaga Jaya produces and sells various kinds of *furniture* for household purposes, such as tables, chairs, cupboards, doors and windows. (interview, March 22, 2022, at 15:03)

As a result of interviews at UD Mandiri Telaga Jaya , information was obtained that *the furniture* produced in this business was *furniture* that was still the same as the type of *furniture* on the market in general, plain and without any additional ornamentation on the products produced. UD Mandiri Telaga Jaya has tried to give ornaments to its products but only once has this application been carried out and based on what Adrian Puhi said , even though in the current conditions *furniture production* is being made plain (without ornaments), he still wants to develop other applications of ornaments , to provide color. new products are made, so that consumers don't get bored with the same products for years. (interview, March 22 2022, 16.00).

Based on the interview above, it can be concluded that UD Mandiri currently wants to develop skills in making decorations to add aesthetic value to the products produced. With the aim of being able to fulfill tastes according to consumer demand . Therefore, researchers are interested in conducting experiments on *furniture products* , chests of drawers and chairs, by applying ornaments using *decoupage techniques* . *Decoupage* is the art of decorating objects or media by attaching pieces

of napkin tissue to the surface of the object (Koshuta, 2000). The ideas that emerged in the art of decorating objects came from the stimulation of existing phenomena (Hasdiana, et al, 2023:63) and this was the reason for researchers to apply *decoupage techniques* to UD Mandiri *furniture* . The availability of tools and materials that are easy to find can make it easier to apply *decoupage techniques* to *furniture* UD Mandiri. *Furniture* \_ The result is expected to have advantages because it becomes the first *furniture* to be decorated with *decoupage* technique in the Gorontalo area and if this research is successful , then UD Mandiri will can accept orders for furniture decorated with appropriate ornaments *requests* from consumers.

Based on this description, it can be concluded that UD Mandiri Telaga Jaya requires the application of ornaments using new techniques. For this reason, researchers are interested in conducting research entitled the application of ornaments using *decoupage* techniques combined with the effects of acrylic paint on *furniture* at UD Mandiri Telaga Jaya.

## METHOD

In this research, the method that will be used is the qualitative method. According to Sugiyono (2017:9), qualitative research methods are research methods used to examine the conditions of natural objects, where the researcher is the key instrument. In connection with this research, the researcher chose to use qualitative methods to find out and describe the events that occurred at UD Mandiri Telaga Jaya. Regarding *the furniture* , ornaments will be applied using the *decoupage technique*, and will be described descriptively.

R&D research and development . According to Sugiyono (2015:407), research and development methods or in English *Research and Development* are research methods used to produce certain products. In connection with this research, the new product in question is carrying out an experiment by creating a new motif on *furniture products* , chests of drawers and chairs, and there will be a development of *furniture ornaments* by applying the *decoupage technique* at UD Mandiri.

## RESULTS

*UD Mandiri is a wood pile trading business that started its business in 2013 in North Gorontalo Regency with a vision: to become a trusted and leading company. The mission of UD Mandiri is to provide quality products at affordable and useful prices to ensure consumer satisfaction . In 2015 UD Mandiri moved to Luwoo Village, Telaga Jaya District, Gorontalo Regency. UD Mandiri's move was due to a lack of consumers from the previous area , because they preferred to use furniture made from plastic.*

UD Mandiri's move to Luwoo Village caused production to be hampered because the distance between the wood plantations as the place for taking the basic materials for making products at UD Mandiri was increasingly far away. This resulted in Adrin Puh (53 years old) as the owner of UD Mandiri then taking the initiative to buy vehicles to rent to UD Mandiri consumers . The main purpose of purchasing this




vehicle is to facilitate transportation/ transporting wood from North Gorontalo Regency to Luwoo Village. This decision is considered a solution, because after having its own vehicle, UD Mandiri will no longer have difficulty transporting raw materials to new locations.

UD Mandiri's move from North Gorontalo Regency to Luwoo Village also made it more widely known to the public , because the business location is only 10 km from the center of Gorontalo city. This is very profitable because it makes it easier for consumers around the city of Gorontalo to visit the UD Mandiri *show room* . This easy-to-reach location increases the number of sales and this situation is directly proportional to the increase in the number of employees . When it was founded, UD Mandiri employees were the closest family with a total of two people. In 2023, this number will continue to increase until 15 employees have become part of UD Mandiri.

UD Mandiri stands on land covering an area of ± 4.00 Ha , which is divided into production space and furniture product display space . Apart from these rooms, on the right side of the UD Mandiri building, there is a place to sell raw wood. This place is a development of the previous building, because in 2013 UD Mandiri started selling wood ( teak wood, cempaka wood, nantu wood and red wood ) . In 2021, UD Mandiri will expand its business by opening a shop selling building materials, in the same location.

The following are the products produced by UD Mandiri:

Table 1. UD Mandiri Product Types

Picture	Product
	Drawer Shelves
	Workbench
	Wardrobe

	<p>Apply small</p>
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From various kinds of *furniture* produced by UD Mandiri, researchers chose chairs and drawers that would be decorated with ornaments. Chair and drawer *furniture was chosen* because these two products are in great demand by consumers. The following is a picture of the selected chair and drawer *furniture* :

Table 2 . Selected Furniture




	<p>Drawer <i>furniture</i> has a height of 52cm, a width of 45cm and has two drawers with a width of 40cm and a length of 17cm.</p>
	<p>Chair <i>furniture</i> It is 35cm long, 40cm wide and has a footrest at the bottom of the chair.</p>

After selecting *furniture*, next The researcher will select the napkin tissue motif that will be applied. Here are some napkin tissue motifs to choose from:

Table 3. Napkin Tissue Motifs

No	Picture	Motive
1		Rose flowers and leaves
2		Cactus and leaves



3		Roses, leaves and birds
4		Butterfly flower
5		Creeping leaves

Based on several pictures of napkin tissue motifs in table 3, then the appropriate motif will be selected for drawer *furniture* and chair *furniture* . In this case, researchers involved UD Mandiri leadership to determine the motive for the napkin tissue.

From the results of discussions with Adrian Puhi, an agreement was obtained that the napkin tissue motif applied to chair *furniture* was telang flowers and the napkin tissue motif applied to drawer *furniture* , namely; series of leaves . *The following is a picture of the selected napkin tissue motif :*



Figure 1 . The tissue napkin motif was chosen for chair *furniture*

The selected napkin tissue motif is a motif telang flowers are 23cm long and 14cm wide.

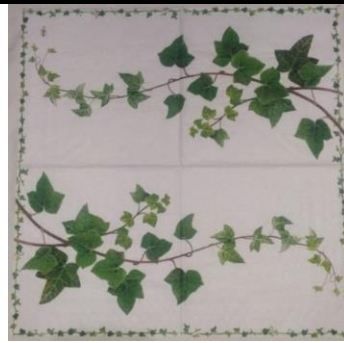
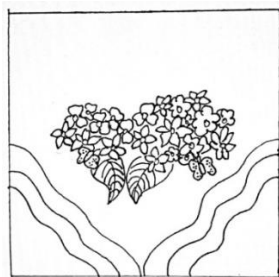


Figure 2 . The tissue napkin motif was chosen for drawer *furniture*

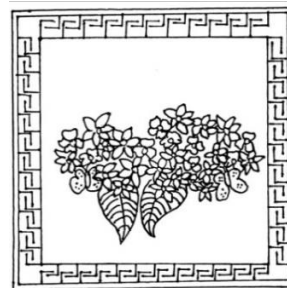
Based on this picture, it can be seen that this tissue motif consists of a series of leaves of different sizes, namely small, medium and large. There are branches 35cm long that spread out as a place for the leaves to hang.

After determining the napkin tissue motif, the next step will be to create a design for placing the napkin tissue motif on the furniture. Design \_ The aim is to make the ornamental motifs from napkin tissue more orderly and focused when applied . At this stage the researcher prepared two designs for each piece of *furniture* . The following is a picture of the napkin tissue motif design;

a) Design on chair *furniture*



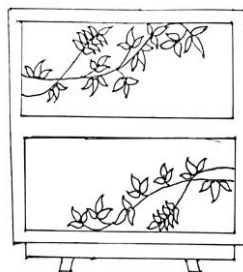
Design one



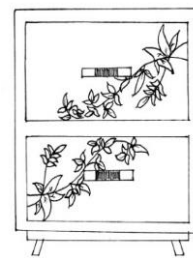
Design two

Figure 3 . Chair *furniture* design

b) Design on *furniture* drawer



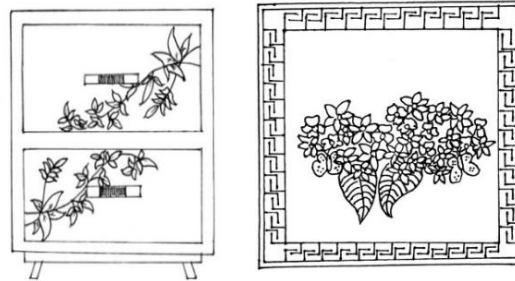
Design one



Design two

Figure 4. Drawer *furniture* design

Design validation or design selection is selected from the results of discussions between researchers, UD Mandiri leaders and supervisors. From the results of the joint discussion, the following is a validated design drawing ;



Drawer furniture design

Chair furniture design

image 5 . Selected furniture designs

After the motif design has been validated, there is a design improvement on the edge of the chair, namely by adding a line ornament motif using painting techniques.

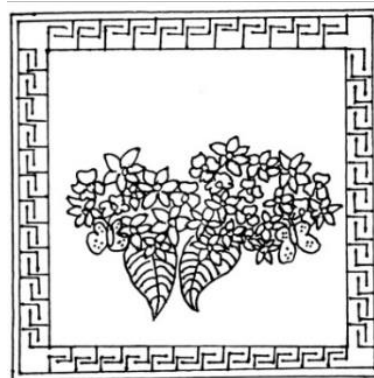


Figure 6 . Chair Motif Design

Adding ornaments using painting techniques to the edges of the chair is done with the aim of filling the empty space on the surface of the chair, so that the chair furniture looks more beautiful when viewed.

The trial referred to in this research is testing the main ingredients of decoupage technique ornaments/decoration . The following are the stages of the trial:

1. Preparation of tools and materials

The first preparation begins with preparing tools and materials for applying ornaments using *decoupage technique*. These tools and materials are:

Table 4. Tools and materials

No	Tool's name	Function
1	Paintbrush	a tool for spreading glue on furniture media and as a tool



		for the painting process
2	Scissors	Cut the tissue by following the motif that will be used
3	Spoon	used as a tool for mixing glue and water
4	Receptacle	used to put paint and glue
5	Water	For the mixture on glue
6	White glue	To attach tissue napkins to <i>furniture</i>
7	Paint	used for painting ornamental paintings on chair <i>furniture</i>
8	Varnish	used to polish <i>furniture</i> so that it looks integrated with the motif
9	Tissue napkins	Used to decorate <i>furniture</i>

a) *Furniture* cleaning process

It has been mentioned previously that *the furniture* chosen in this study were chairs and drawers. Both *furniture* will be cleaned first , so that there is no dirt attached, so that the napkin tissue can stick well.



Figure 7 . *furniture* cleaning

Give a base color to the surface of *the furniture* that has been cleaned using white wood paint . The purpose of applying paint to the surface of chairs and drawers is to be used as a base or *background color* .



Figure 8 . Furniture surface painting process

This painting aims to protect the surface of *the furniture*, make the wood durable against weather changes, and anti-termites. Next, the *furniture* will be dried. Drying aims to make the paint dry and harden, making it easier to apply the *decoupage technique* . This drying is done under direct sunlight and takes one day.



Chair Furniture



Drawer furniture

Figure 9 . Furniture drying process

Before applying, cut the tissue first. The aim of cutting the napkin tissue is to make it easier to attach it to *the furniture*. *The* cutting process can be seen in the following picture.



Figure 10 . The process of cutting napkin tissue

The cutting process is carried out when the tissue still consists of three layers. After going through the cutting process , here is what the napkin tissue looks like after being cut.



Figure 1 . 1 H results from cutting napkin tissue

Next, a raping will be carried out ornamentation on *furniture* is carried out in stages: 1) application to chair *furniture* , with butterfly pea flower motifs; 2) application to drawer *furniture* , with a leaf motif.

The implementation process is carried out by : Apply glue first to the back of the napkin evenly. The glue used is a special glue for the *decoupage technique* , which has a liquid texture.



Figure 12 . Applying glue to napkin tissue

After applying glue to the back of the tissue, the tissue will be attached to the surface of the chair *furniture* , as follows:



Figure 13 . Attaching tissue to chair *furniture*

The picture above is the process of tidying up tissue which is done slowly using a brush. The goal is to ensure that there are no glue clumps on the back of the tissue. After the tissue is properly stuck to the surface of the chair furniture, leave it for a while to wait for the drying process. The following is a picture of chair furniture when drying:



Figure 14. Drying napkins on *chair* furniture

Next, apply the tissue to the drawer *furniture* , in the same way as to the chair furniture, as in the following picture:



Figure 15. Applying glue to napkin tissue on drawer *furniture*

After the process of applying glue to the back of the tissue, the tissue will be attached to the surface of the drawer *furniture* , as in the following picture;



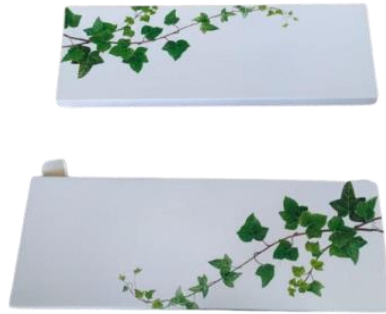
Figure 16. Attaching tissue to drawer *furniture*

After attaching the tissue, the tissue will be smoothed using a brush by gently pressing it, as shown in the following picture:



Figure 17. Arranging tissue on *furniture* drawers

After that, leave it for a while to wait for the drying process. The following is a picture of drawer furniture when drying.

Figure 18. Drying napkins on furniture *drawers*

The next process is to decorate the edges of the furniture using painting techniques using acrylic paint.

The painting process on the edges of the furniture functions as a frame. This process uses a brush and dark green acrylic paint. The fringe motif is made with a geometric pattern. The process of making *furniture* edge ornaments using painting techniques can be seen in the following picture;

Figure 19. The process of decorating the edges of chair *furniture*

The picture above is the process of decorating the edges using acrylic paint. The addition of this ornament is only done on chair *furniture*. Because chair furniture has a wide area. The aim is to emphasize the position of the tissue napkin motif. The results of adding decorations can be seen in Figure 20;





Figure 20. The result of combining decorations on chair *furniture*

Next, decoration using acrylic paint , will be dried at room temperature for two hours.

The next stage is the process of applying varnish / clear *which* is done by spraying varnish on the furniture, three times. The purpose of spraying varnish is to blend the napkin tissue with *the furniture* , shine *the furniture*, maintain the durability of *the furniture* and tissue. This process can be seen in Figure 21 below;

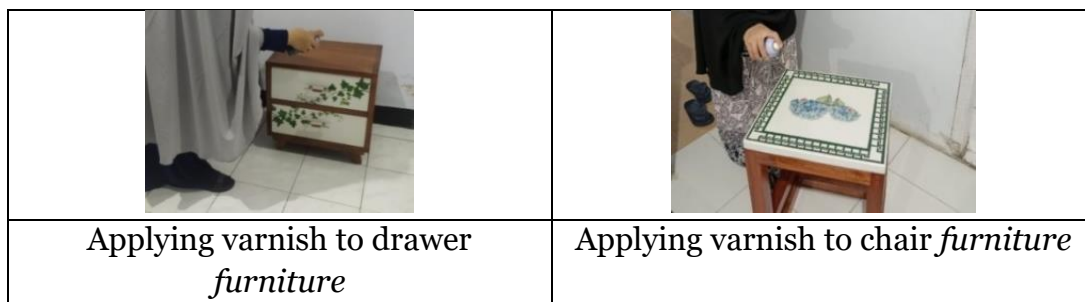


Figure 21. Applying varnish to *furniture*

The appearance of the drawer and chair *furniture* after going through the application processes is shown in Figure 22, as follows :

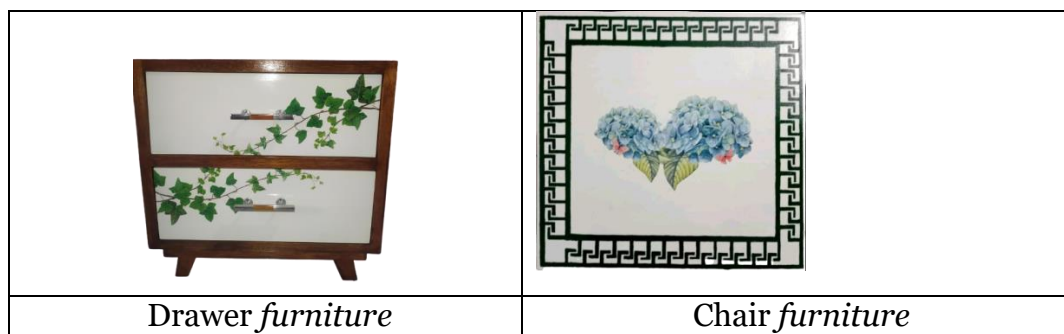


Figure 22. Results of applying ornaments using decoupage technique to *furniture*

Applying ornaments to *furniture* can give a beautiful impression and add variety to *the furniture*, so that *the furniture* does not look monotonous. Adding ornaments using painting techniques on the edges is useful as an emphasis on the *decoupage ornaments* in the middle of the chair. As for drawer *furniture* , even though it doesn't have additional motifs on the edges , *the furniture* The drawers still look beautiful

because the selection of motifs and arrangement of the motifs corresponds to the size of the *furniture area* .

## CONCLUSION

Based on the description in the previous chapter, it can be concluded that the application of ornamental motifs using *decoupage techniques* combined with acrylic paint on *furniture* at UD Mandiri Telaga Jaya is carried out in several stages, namely; 1) analysis of potential, problems, and gathering information : a) strategic location; b) supporting transportation; c) woodpile; d) adequate buildings; e) building shop. All potential becomes UD Mandiri's strength in facing competitors. The next problem with UD Mandiri is that consumers' tastes for *furniture* with additional ornaments have not been met; 2) product design : the product uses drawers and chairs that are already available. The design process is used to determine tissue napkin motifs and create designs for *furniture motif arrangements*; 3) design validation; determine the design that will be implemented. 4) design improvements: adding ornamental motifs to the chair *furniture* using painting techniques; 5) product trials; a) preparation of tools and materials; b) preparation of *furniture* c) process of applying napkin wipes; d) The process of adding ornaments to the edges of *furniture* using painting techniques using acrylic paint; e) the process of applying varnish; f) results. UD Applying tissue napkins using decoupage techniques as ornaments on chair and drawer *furniture* , has added to the aesthetic value of the furniture, making it an alternative for developing furniture ornaments at UD Mandiri Telaga Jaya.

## REFERENCE

1. Ajisukmo, CR, Iustitiani, NS, & Pramono, H. (2019). Decoupage Craft Training as a Way to Foster a Literacy Culture in Women. *Abdimas Dewantara* , 2 (2), 158-170.
2. Hala, RR, Hasdiana, H., & Naini, U. (2023). Application of Decoupage Techniques to Woven Heach Heater Products in Jaya Business Smes, Gorontalo Regency. *The Journal of Pedagogical Inventions and Practices* , 2 (2), 59-72.
3. Hasdiana, U. N. Diversifikasi Produk Tekstil Karawo Melalui Surface Design Dengan Menerapkan Variasi Teknik Sulam Dasar. *Kreativitas dan Inovasi Dalam Seni Rupa dan Desain*, 59..
4. Koshuta, J. (2000). Decoupage. National Library of Canada= Bibliothèque nationale du Canada, Ottawa.
5. Notohutomo, AA, Dewi, RRMS, Limanto, SD, & Christy, HO (2017). Designing Semi-Mass Product Art Furniture with Creative Resin Processing.
6. Sugiyono, D. (2017). Metode Penelitian Pendidikan Pendekatan Kuantitatif, Kualitatif Dan R&D. Bandung: Alfabeta.
7. Sugiyono. (2015). Metode Penelitian Kualitatif. Bandung: Alfabeta.
8. Bastomi, S. (2003). Seni Kriya Seni. Semarang: Universitas Negeri Semarang..