APPLICATION OF DECOPAGE TECHNIQUES TO WOVEN HEACH HEATER
PRODUCTS IN JAYA BUSINESS SMEs, GORONTALO REGENCY

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Abstract
This study aims to apply decoupage techniques to woven water hyacinth handicraft products, UKM Usaha Jaya, Gorontalo Regency. The approach used is qualitative. This type of research method uses a type of interpretative research method. Data is collected through experiments, observations, interviews, documentation. Data analysis was carried out through data reduction, data presentation, discussion, and conclusions. The decoupage technique is applied to pouch and bag products. The research was carried out in several stages, namely: Preparation of products to be decoupaged, Preparation of tools and decoupage materials, Preparation of napkins with various motifs, Making sketch designs and work designs, The process of applying the decoupage technique. The implementation stage is the most important stage in this study. The results showed that by applying the decoupage technique to woven water hyacinth products, it could produce a variety of motifs on the surface of the product so that the appearance of the product looked more diverse, so it can be concluded that the application of decoupage techniques to woven water hyacinth products was produced with a variety of motifs and colors. Beautiful products can meet the different and more diverse needs and tastes of consumers. Thus, the application of motifs using decoupage techniques can be an alternative in the development of woven products.

Keywords
Application, Crafts, Decoupage, Wicker, Hyacinth.

INTRODUCTION
Every human being has creativity with different imaginations so that various arts emerge that give birth to aesthetics. Indonesia is known as a country that has many artists who create works of art. One of the most widely created works of art is the art of handicrafts. The types of handicrafts are very diverse, such as batik, wayang, woodcarving, pottery and woven. The art of woven is the process of crossing materials from plants to make one object that is strong and usable (Nurwahyuni, 2021:1).

This woven craft has many types of raw materials, including rattan, bamboo, sticks, and several other plants that can be used as woven materials. The woven crafts produced generally vary, including in the form of bags, pouches and furniture. This art of woven crafts is very familiar among the people of Indonesia, one of the areas that develop woven crafts is Gorontalo.

Woven handicrafts in Gorontalo are quite popular, so that the woven production sites still exist today. Several places for the production of woven handicrafts in Gorontalo include the "Alata" Water hyacinth Weaving Business Group, LPK "Isun" in Gorontalo Regency, the company "Rattan Indah" in Talaga Jaya, where the production of these woven crafts has been around for a long time like the company " Rattan Indah” has been established since 1980 and has survived to this day. Meanwhile, a woven craft place that chooses water hyacinth as a raw material for making woven crafts, namely UKM Usaha Jaya.

The essence of the water hyacinth plant, if it is able to be processed properly, then water hyacinth has benefits for human life, one of which is used as a raw material for woven handicraft products, as has been done by UKM Usaha Jaya. Usaha Jaya was founded on December 22 2017 by Yeni Rorintulus in Gorontalo Regency, precisely in Bunggalo Village, Talaga Jaya District. The types of woven crafts that have been produced by UKM Usaha Jaya include sandals, hats, tissue boxes, multi-purpose baskets, photo frames, pouches and bags of various models, up to flower pots.
products, this shows that many products are produced by UKM Usaha Jaya using water hyacinth plants.

On several occasions when consumers visited UKM Usaha Jaya, there were those who asked about new or different products, consumers certainly liked woven products that were natural or had no motifs, while there were other consumers who liked varied motifs but their tastes were not met. As said by Ayisah Hako (46 Years) "The water hyacinth woven handicraft products produced by UKM Usaha Jaya have a plain appearance, less motifs are added to make the woven look even better" (Interview, 22 May 2022, at 10.14). Therefore by applying the decoupage technique it will add to the uniqueness of the woven crafts and is expected to meet consumer needs. The technique for applying motifs to woven media is quite easy compared to the techniques usually used by woven craftsmen, namely using the decoupage technique, this technique is quite easy compared to painting techniques and embroidery techniques which take a lot of time to work on, such as said by Yeni Rorintulus (58 Years) "I have tried to apply painting techniques and embroidery techniques, but the process takes quite a long time". Therefore, by using the decoupage technique, it is hoped that it will make it easier for craftsmen to apply it to woven water hyacinth handicraft products.

This art of sticking has developed to become more practical with many motifs that are ready to be pasted, at this time decoupage has not yet been explored among woven craftsmen in Gorontalo, especially in the Water Hyacinth Craft Business Group "Usaha Jaya", as said by Yeni Rorintulus (58 years) "I've heard of the decoupage technique but have never tried applying it. The difficulty in this study was that researchers did not find decoupage being sold in shops in Gorontalo, therefore researchers had to order decoupage from outside the city in advance, but in the modern era, buying and selling online has made it very easy for the public, just by ordering it through the application and the goods are ready to be delivered to the destination. The purpose of this study was to apply decoupage techniques to woven water hyacinth handicraft products, UKM Usaha Jaya, Gorontalo Regency.

METHOD

This study uses qualitative methods with data collection techniques using observation, interview and documentation techniques, the aim is to provide an overview or analysis data related to the application of decoupage techniques to water hyacinth media in UKM Usaha Jaya, Gorontalo Regency, developed as it is, not manipulated by researchers. According to Sukmadinata (2005:78), method is a way that can be used to achieve goals, while research is a means to find the truth. This type of research uses improftive research types. Sukmadinata (2005) suggests that Improftive Research is intended to improve, increase or perfect a condition, activity or implementation of a program.

Results

UKM Usaha Jaya is a small and medium business that was founded on December 22 2017 by Yeni Rorintulus (58 years) in Bunggalo Village, Talaga Jaya District, Gorontalo Regency. From 1995 to 2004 Yeni Rorintulus had worked as a craftsman at Rattan Indah which was a place for making woven handicrafts then stopped in 2004 and chose to develop her skills in making woven water hyacinth based, then in 2017 Yeni Rorintulus founded UKM "Usaha Jaya"

At the beginning of its formation, the number of craftsmen in UKM Usaha Jaya consisted of 21 craftsmen, then it decreased due to the weakening of the existence of water hyacinth handicrafts on the market so that it had an impact on craftsmen, finally in 2019 until now there are only 3 craftsmen remaining including those who are still consistently producing water hyacinth woven and actively participating in various activities.

The first products produced by UKM Usaha Jaya were sandals and bags, sandal products were only produced until 2018 because these products were not in demand, as Yeni Rorintulus said "the first product we produced was sandals and bags, but people's interest in sandals has decreased."
sandal product was made in 2018 for hotel sandals” in the following year the products then began to develop, by creating new product variants including photo frame products, tissue boxes, multi-purpose baskets, pouches with various models and even flower pots. These products are still being produced today, the products that are most ordered and most in demand are bags and pouches. UKM Usaha Jaya also accepts product orders according to consumer demand. Yeni Rorintulus said that water hyacinth woven products produced by UKM Usaha Jaya are not only sold in Gorontalo but also reach outside areas such as Manado, Kotamobagu, Jakarta to Turkey (Interview, 22 May 2022, 11:45 a.m.). The following are woven water hyacinth products produced by UKM Usaha Jaya.

![Image of woven water hyacinth products](image1)

**Figure 1. Woven water hyacinth products, UKM Usaha Jaya**

The woven water hyacinth products produced and sold by UKM Usaha Jaya have the same appearance and color as the natural color of the water hyacinth or do not have a pattern to add an aesthetic impression to the product. Processed products based on small and medium industries are urgently needed in this case it is hoped that products can develop from one innovation to another and in processing products into other by-products (Hasdiana, et al. 2: 2020)

![Image of selected water hyacinth woven products](image2)

**Picture. 2. Selected water hyacinth woven products**

The selected product in the application of the *decoupage technique* consists of two models, namely the pouch and bag models. The selection of these products is based on the fact that they are the
products most in demand by consumers. To produce variations in motifs on woven water hyacinth crafts in the form of pouches and bags, this is done through the application of the decoupage technique. After determining the product, the source of the idea is determined first, followed by determining the materials and tools according to the existing sketch representation. After the materials and tools to be used are available, then proceed with the stage of making a pattern pattern according to the design of the bag (Hasdiana, 145: 2017). The tools and materials in applying the decoupage technique are as follows.

Table 1.
Names of Tools and Materials in the Application of Decoupage Techniques

<table>
<thead>
<tr>
<th>No.</th>
<th>Tools and materials</th>
<th>function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Scissors</td>
<td>To cut napkin tissue</td>
</tr>
<tr>
<td>2.</td>
<td>Napkin Tissue</td>
<td>As a product motif</td>
</tr>
<tr>
<td>3.</td>
<td>White Acrylic Paint</td>
<td>As the base color of the product</td>
</tr>
<tr>
<td>4.</td>
<td>Paintbrush</td>
<td>Tools for the process of painting and applying varnish</td>
</tr>
<tr>
<td>5.</td>
<td>White Glue</td>
<td>To attach napkin tissue to the product</td>
</tr>
<tr>
<td>6.</td>
<td>Receptacle</td>
<td>As a container for glue and paint</td>
</tr>
<tr>
<td>7.</td>
<td>Sponge</td>
<td>Used to press napkin tissue so that it sticks to hard-to-reach places.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>To burnish products that have been applied with the decoupage technique.</td>
</tr>
</tbody>
</table>

To produce variations in motifs on woven water hyacinth crafts in the form of pouches and bags, it is done through the application of the decoupage technique. According to Hasdiana, et al (2013: 9) There are four general types of motives, namely:

1. Floral or plant motifs, meaning that the plants as models are then stylized (composed or stylized) in such a way as to beautify the results of their work.
2. Fauna or human/animal motifs, meaning that humans/animals as models are stylized (arranged or stylized) in such a way as to beautify the results of their work.
3. Geometric or geometrical motifs, meaning that the elements of the motif consist of lines and planes, both straight and curved lines, fractures and curved planes or planes.
4. Natural motifs whose elements are taken from nature, for example clouds, coral, rocks and others.
The motif chosen as the motif on the bag product uses a flora motif in the form of a sunflower motif, the choice of this motif is because the sunflower motif consists of several sizes so that when used this motif can represent several design elements and principles. The selection of floral motifs gives a feminine impression in accordance with the typical woven product in the form of a pouch used by women to make it look more beautiful.

The second napkin tissue motif chosen is in the form of a floral rose flower motif, the choice of this motif has the same purpose as the first motif, namely that the motif matches the product that has been selected, namely that it can represent several design elements and principles, besides that the selection of floral motifs for this product gives the impression feminine in accordance with typical woven products in the form of bags used by women so that they look more beautiful.

In this study, researchers only used two types of napkin tissue motifs because there were two product samples to be decoupaged, namely pouch products and bag products.

From several alternative sketches, representatives from each sketch design for the arrangement of motifs on the bag and pouch products will be applied to the water hyacinth woven. The purpose of determining the order of the motifs is that the motifs look harmonious and can represent the elements and principles of fine art.
The napkin tissue motif chosen in the form of a sunflower floral motif has two size levels, namely the first motif measuring 15 x 14 centimeters and the second motif measuring 6 x 6 centimeters. These two motifs will be arranged according to the selected design, namely the direction of symmetrical horizontal lines.

The product design for a bag with a width of 26 cm and a height of 17 cm, with a sunflower motif in large and small sizes, will go through the pattern stage. The motif arrangement design can be seen in the following figure.

The motifs are then arranged, large sunflower motifs are placed in the center. This is intended so that large sunflower motifs become the main focus when consumers see the product and small sunflower
motifs are placed on the left and right to be a counterweight. Following are some of the principles of art that are combined in the arrangement of motifs on woven pouch products in Figure.8.

- **Horizontal**
- **Emphasis Principle**
- **Rhythm Principle**
- **Principle of Proportion**

*decoupage* motif on the bag product is arranged horizontally or horizontally, the researcher combines three principles into the design of the bag product, namely the principle of emphasis or the center of attention or also called the object of a work, which is the center of the design, namely the large sunflower motif, the principle of rhythm in works of art can arise if there is regular repetition of elements that are used repeatedly, repetitive rhythm, namely repetition of the same form, namely the same sunflower motif only differs in size, the principle of proportion, namely the comparison between one and the other parts. Other with big-small considerations, proportions are also used to distinguish the main and supporting objects. The finished work design for the arrangement of *decoupage motifs* on bag products is as follows.

Through the arrangement of these motifs, the motifs look neater and orderly. Next is the arrangement of motifs for woven water hyacinth products in the form of pouch products.

The flower motif design is divided into three motifs, each motif has a different size, the first motif measures 15 x 12 centimeters, the second motif measures 8 x 12 centimeters and the third motif measures 22.5 x 5 centimeters. The pouch product design can be seen as follows.
The product design for a bag with a width of 26 cm and a height of 17 cm, with a sunflower motif in large and small sizes, will go through the pattern stage. The motif arrangement design can be seen in the following figure.

![Pattern Arrangement Design on Pouch Products](image1)

The rose flower motif is then placed on the woven pouch product arranged geometrically, the first motif measuring 15 x 12 centimeters is placed on the top left of the product, then the second motif measuring 8 x 12 centimeters is placed on the right center and the third motif is placed on the bottom of the pouch. As for some of the principles of art that are combined in the arrangement of motifs on woven bag products, as follows.

- **Emphasis Principle**
- **Principle of Harmony**
- **Principle of Balance**

Some of the principles in the design of the pouch are the principle of emphasis, namely clustering several elements, different arrangements, both size and color, the placement of domination does not have to be in the middle, even though the middle position shows a stable impression, then the principle of harmony is also called the principle of harmony or harmony, in In works of art, there are opposite colors, you have to find a binder color like white, and the principle of balance, achieving balance doesn't have to place objects symmetrically or in the middle. have a balance between one motif and another and are combined in one design work that will be applied to woven water hyacinth products in UKM Usaha Jaya.

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Through the arrangement of these motifs, the motifs look neater and orderly. Next, the process of applying napkin tissue using the resulting decoupage technique is described as follows.

1. Basic color painting
   At this stage the color used is white to make it more optimal, the basic painting stage aims to make the background on the surface of the water hyacinth woven so that the motifs on the napkin tissue to be applied look more lively, the researchers used acrylic paint because the paint dries quickly and is not easy peel off. The painting process is shown in the following figure.

2. Drying process.
   Water hyacinth matting that has gone through the basic color painting process, then goes to the drying stage, so that the water hyacinth plaited product remains dry and not damp. This stage does not take a long time, it is enough to dry the woven hyacinth in direct sunlight or dry it at room temperature. The drying process is shown in the following figure.

3. Napkin Tissue Application Process
The process of applying napkin tissue to woven water hyacinth products begins with cutting the previously selected napkin tissue, cutting it according to the shape of the picture. The process is shown in the following image.

![Figure 16. Cutting Napkin Tissue](image1)

After cutting the napkin tissue according to the shape of the picture, leave one layer with the picture on the napkin tissue because napkin tissue has several layers, the next step is to attach the napkin tissue to the woven water hyacinth product using white glue, apply enough white glue on the surface of the water hyacinth woven product and paste the napkin tissue slowly so that the napkin tissue doesn't tear easily, then press it using a sponge so that the napkin tissue adheres well to hard-to-reach parts. The process is shown in the following image.

![Figure 17. Application of Napkin Wipes](image2)

Napkin tissue that has been applied to woven products is then left to dry, then proceed with the varnish coating process.

4. Varnish coating process

The final stage is the varnish coating stage. At this stage, wallet and bag products that have gone through the stage of applying the decoupage technique are then coated with varnish which aims to maintain the product's durability, make the product glossy, and add aesthetic value to the water hyacinth woven product. Apply the varnish with the brush evenly in one direction, working it from the center of the image outwards towards the edges. The varnish coating process is shown in the following figure.

![Figure 18. Varnish Coating](image3)
After the bag and pouch product has gone through the lacquer coating process, the product is left for 5 to 10 minutes. The appearance of the bag and pouch product after going through the lacquer coating process looks like the following picture.

![Bag and pouch products after going through the lacquer coating process](image)

Bag products after going through the process of applying the decoupage technique look unique and attractive. The pouch products that have been applied through the decoupage process are as follows.

![Pouch product after being varnished](image)

As can be seen in the picture, the product that has been applied using the decoupage technique looks unique with a beautiful motif in the form of a rose and sunflower motif using a white background color so that the motif on the napkin tissue looks clear and real. The motifs on the napkin tissue look shiny after being applied with varnish. The obstacle experienced in the process of applying the decoupage technique to woven water hyacinth products is the difficulty in sticking napkin tissue on the surface of pouch and bag products because the surface of the woven water hyacinth is wavy, but this difficulty can be overcome by working carefully and patiently because napkin tissue which is easy to tear. Overall the application of this decoupage technique is considered successful and as expected.

Applying motifs using the decoupage technique requires precision and patience. For the application of the basic color on the surface of the product, use white acrylic paint so that the motifs on the napkin tissue appear clearer. At the final stage, the product is then coated with varnish to make the product more shiny and durable. The application of motifs using decoupage techniques to woven water hyacinth products is very feasible to produce in meeting market needs and developing water hyacinth handicraft products in UKM Usaha Jaya.

**Discussion**

To produce variations in motifs for woven water hyacinth crafts in the form of pouches and bags, this is done through the application of the decoupage technique, the motif chosen as the motif for the pouch product is a rose motif, while for bag products the floral motif is used in the form of sunflowers, in line with Hasdiana's opinion, which said that floral motifs or plants, meaning that the plants as the model are then stylized (changed or stylized) in such a way as to beautify the results of his work. The application of motifs to pouch and bag craft products produces a unique quality because the
combination of motifs looks harmonious and beautiful to look at. Water hyacinth woven products that have been applied to **decoupage motifs** can increase the value of beauty. This is relevant to Hapsari's opinion (2022: 70) that **decoupage** is the art of decorating an object by sticking pieces of colored paper and pictures on its surface to make it look beautiful and attractive.

**Decoupage** technique was carried out slowly and carefully because the wavy and textured woven water hyacinth became a challenge for researchers. This **decoupage** technique is very easy and simple to apply by the craftsmen, however it must require precision and patience because napkin tissue is easily torn, and requires training so that the craftsmen are accustomed to applying these motifs to woven water hyacinth products. This is relevant to the opinion (Ninuk Dewi et al, 2018: 91-92) that **decoupage skills** require precision and diligence for each manufacture.

The success in applying various motifs using **decoupage** techniques to woven water hyacinth products resulting in a variety of motifs has allowed these woven products to develop because there are various choices of motifs with beautiful shapes and colors to suit the needs and tastes of different consumers. Thus, the application of motifs using the **decoupage technique** can be an alternative in the development of woven products, especially woven water hyacinth products. With various motifs, the same woven products will be able to produce different appearances due to the different motifs applied.

**CONCLUSION**

Based on the description in the previous chapter, it can be concluded that the application of the **decoupage technique** to woven water hyacinth products in UKM Usaha Jaya is carried out with the following process stages; 1) Product preparation for **decoupage technique**. 2) Preparation of **decoupage** tools and materials, 3) Preparation of napkin tissue motifs, 4) Preparation of sketch designs and work designs, 5) The process of applying the **decoupage technique**. The application stage is the most important stage in this study.

The results showed that by applying the **decoupage technique** to woven water hyacinth products, it could produce a variety of motifs on the surface of the product so that the appearance of the product was not monotonous, so it could be concluded that the application of the **decoupage technique** to woven water hyacinth products was produced with a wide selection of different motifs and colors. Beautiful can meet the needs and tastes of different consumers. Thus, the application of motifs using **decoupage techniques** can be an alternative in the development of woven products.

**REFERENCE**


Source person:

1. Yeni Rorintulus, 58 years old, craftsman, Bunggalo Village, Talaga Jaya District, Gorontalo Regency, 11.10 WITA
2. Ayisah Hako, 46 years old, consumer, Bunggalo Village, Talaga Jaya District, Gorontalo Regency, 10.14 WITA.