

Interior Design

Original Research

BIBE Chair Space Filling Elements as a Form of Tropical Style Dayak Culture Implementation

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Abstract: In the interior of a room there are filling elements such as floors, walls, and ceilings or forms of space-filling such as furniture and aesthetic elements in it. A design or shape of a room filler describes the concept of what is in a building, if the impression of a room is appropriate it can certainly be accepted from a human point of view, then this can influence the function and emotion in creating a room atmosphere. This design methodology starts from a data collection method containing literature data and typology data, followed by an analysis method in the form of design to the final design. Based on the method described, the design of interior space-filling elements refers to the cultural diversity of the Dayak tribe which is implemented with a modern concept with a tropical theme. The Dayak tribe is of course very closely related to nature based on its geological location, therefore in this design, a lot of wood is used in the material elements to make it suitable. Meanwhile, to add tropical elements, of course, it is necessary to add tropical motifs or patterns to it. The purpose of writing this design is to identify the factors that form the elements of a room that implement Dayak culture in a tropical style. The benefit of this research is to find out what factors influence the design elements of Dayak culture. This design produces structured space-filling elements or refers to concepts analyzed based on literature data and typology.

Keywords: space filling elements; design; culture; Dayak; tropical

INTRODUCTION

Space in interior design is the main thing that exists as an important object in it. With the form of space, humans not only move but also see all the shapes and colors that exist. When the elements of a space are placed according to their function in the existing area, a compound relationship occurs between the two or one element. The formation of space is due to the relationships between these elements or elements (Ching, 1998).

Before there are space-filling elements, of course, knowledge is needed regarding the elements that make up the space. A good interior design includes all the elements of beauty from various aspects of the elements so that it ends up providing satisfaction both physically and mentally. It can be confirmed that beauty is an important element in creating an element in interior design because the aesthetics of a form are important in human life. According to Franchis D. K. Ching, every design aims to arrange its parts in an orderly manner into one complete structure for a certain purpose. The goal of interior design is to improve function, enrich aesthetics, and improve the psychology of interior space. Interior design consists of related design elements. These design elements are space-forming and space-filling elements.

Indonesia's territory consists of up to 17,508 islands, all of these islands have various areas from Sabang to Merauke or from the eastern tip. Indonesia is known as the archipelago, so you need to know that it contains a wealth of culture, language, traditions, ethnicity, race, and religion. With existing and diverse cultures, preserving the nation's culture is mandatory for every Indonesian, because in the current era of globalization, many foreign cultures have entered our scope, and technology has become increasingly sophisticated, making it easy for foreign cultures to enter, and the culture of our own country has almost been forgotten. An innovation is needed in applying the meaning of one or more particular cultures to preserve them and prevent more foreign cultures from being known more deeply. According to the Big Indonesian Dictionary (KBBI), preservation comes from the word conservatism which means remaining in its original state, unchanged, enduring, and eternal. Preservation in question is the process, method, and act of preserving, protecting from destruction or damage, preservation, and conservation. By implementing native Indonesian culture into spatial elements, it can certainly help preserve our culture which is increasingly being covered by foreign culture.

Based on reality, humans certainly admire beautiful visual things, as is the case with the design of the space-filling elements of this Bibe (Bird beak) chair which maintains Dayak culture within it. According to the Language Development and Development Agency, Dayak itself is a tribe or ethnic group that lives in the interior of the island of Kalimantan. With its heritage and culture, not everyone knows what is in it, by providing a touch of implementation of existing Dayak cultural heritage it can certainly help introduce and preserve the Dayak culture. There is a connection between Dayak culture and nature according to geological factors, namely the Dayak tribe which is famous for dwellings that are close to nature, such as hills or rivers, so that they can be connected to the living creatures in them.

Due to the natural factors that exist in the Dayak tribe and culture, harmony in design forms similarities in the use of tropical style which is closely related to the natural environment and Dayak culture. Because the Dayak tribe is known for its cultural diversity and close connection to nature, the use of space-filling elements uses a tropical concept to maintain harmony with the Dayak culture.

METHODS

The research methods used in this design are literature and typology. By using data obtained from journals through book literature and the internet as well as the typology method by looking for and creating similarities related to this and the experimental method in the form of a final design and prototype of the Bibe(Bird beak) chair by taking the meaning of one The cultural heritage of the Dayak tribe is the wings of the hornbill bird, which contains many elements of the social life and climate of the local area.

RESULTS

Space-Filling Elements

In the space of a building, humans who enter will feel protected. This perception arises because the building consists of floors, walls, and ceilings in the interior space. The need for space supports humans in interacting within it. floors, walls, and ceilings in interior space forming elements as the main container for space-filling elements, space-filling elements consist of components such as texture, pattern, line, space, color, lighting, and shape in the interior itself. In designing these space-filling

elements, get to know and create more depth regarding the texture, pattern, and shape of the design of the filling elements.

Bibe(Bird Beak) Chair is a form of implementation of Dayak cultural heritage

As stated in the title above, the abbreviation or term for Bibe is taken from bird beak or bird's beak as a form of implementation of the cultural heritage of the Dayak tribe, where the Dayak tribe is very attached to hornbills, therefore it was innovated by taking the bird's beak as something that was deepened by creating a new shape. from the design of the chairs in the space filler. Hornbills are also called hornbills which are spread across Asia and Africa, consisting of 57 species of which there are 14 species found in Indonesia, and are a characteristic of the life of the Dayak tribe because they are closely related to their philosophy. The meaning of hornbills themselves in the life of the Dayak tribe is very close because it can be seen from artistic and cultural events in Kalimantan itself where hornbills are often used as attributes in Dayak tribal culture, this bird is significant as a sign of the closeness of the Indonesian people to the natural surroundings. All parts of the hornbill's body are used as a symbol of the greatness and glory of the tribe which symbolizes peace and unity and its thick wings symbolize the leader who always protects his people. Meanwhile, the tail of the hornbill is considered a symbol of prosperity for the Dayak people.



Figure 1. Hornbill.
Source: www.flickr.com

The implementation of the bird's beak is the main thing in the Bibe chair design because the close cultural heritage of the Dayak tribe and hornbills is the main factor in the Bibe Chair design using the beak as the main basis for the design concept.

Shape Transformation of the Bibe Chair

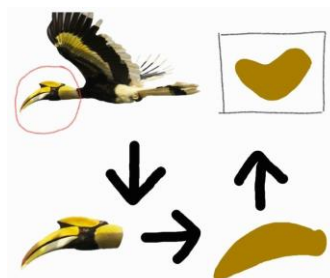


Figure 2. Transformation of the shape of a hornbill.
Source: Fabiani, 2024.

The picture above is the initial process of the results of the transformation of the shape of the bibe chair with the innovation of implementing a hornbill's beak into a shape to be applied to the space-filling element, namely the bibe chair. The results of the shape transformation obtained were applied to the chair handle on the bibe chair.

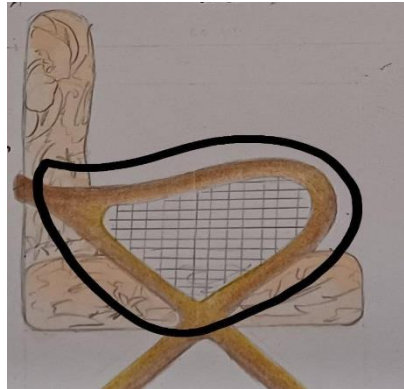


Figure 3. Bibe chair handle.
Source: Fabiani, 2024.

Connection to the tropical concept of the Bibe chair

Regarding the closeness to nature that exists in the Dayak tribe, this gave rise to the idea of the innovative combination of concepts by adding tropical nuances to the bibe chair. Quoted from an internet article, Tropical interior design is a design style aimed at tropical climates, such as in Indonesia, specifically the Dayak tribe, which is located in hilly areas dominated by plants or the natural surroundings.

The tropical concept also supports comfort and protection for residents by considering characteristics, such as high rainfall, air humidity, and sunlight throughout the year. This tropical concept is considered to be able to provide comfort and protection in facing the climate in tropical areas, so the use of this tropical concept is very appropriate to the design that has been made. The tropical concept offers a beautiful aesthetic with the use of bright colors, natural motifs, and ethnic touches so that it can add a good impression to the visual and emotional body.

This design creates a good balance between function and aesthetic elements, although the design seems relaxed and natural, it does not eliminate the user's functional comfort. Tropical designs are also often used in outdoor areas of buildings, such as terraces and yards. This can create a comfortable and relaxing area atmosphere for activities under a tropical climate. The tropical implementation applied to the bibe chair is in this chair motif which uses a tropical motif as an accent for the bibe chair.



Figure 4 . Bibe chair tropical pattern.
Source: Fabiani, 2024.

Dayak Ornaments on the Bibe Chair

Apart from designing the shape of the filling elements, there are additional ornaments in the bibe chair design concept to add accents to the related Dayak tribe. Quoted from an internet article, Dayak is very attached to their weaving. The weaving of the Dayak tribe itself uses a collection of rattan and bamboo fibers in the material, thus producing a cultural heritage originating from the Dayak tribe. The bibe chair uses woven bamboo accents which are taken from the Dayak tribe's characteristic use of wicker in their cultural heritage. The accent is placed on the chair handle of the bibe chair which is added with woven material in the middle of the chair as a Dayak accent.

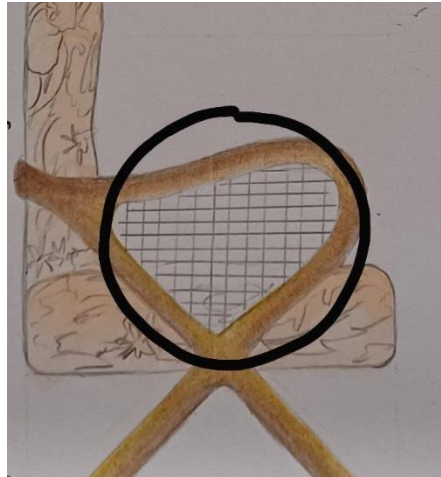


Figure 5 . Wicker on the Bibe chair.
Source: Fabiani, 2024.

Bibe Chair Shape Design

After conducting in-depth research regarding the concept of the shape of the bibe chair, before carrying out the final stage, there is a design stage for the concept by making working drawings before producing the final result. Making this shape and size follows the previous method that has been researched, and the existing sizes follow the standard sizes used for chairs as space-filling elements.

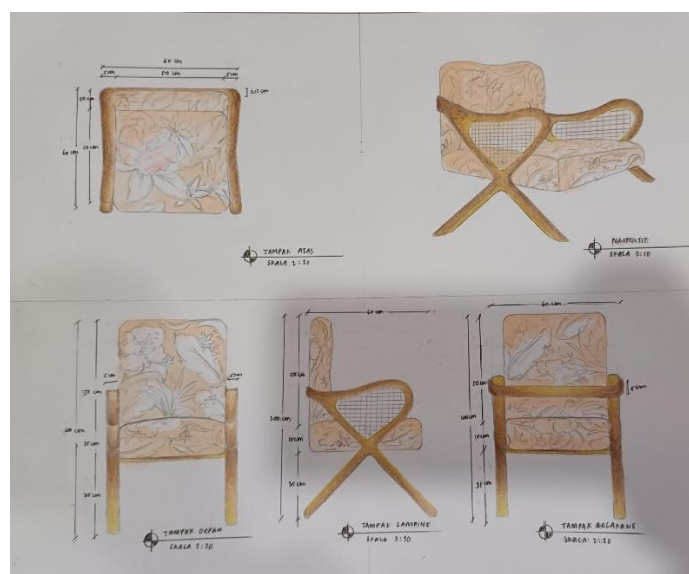


Figure 6 . Bibe chair design.
Source: Fabiani, 2024.

Bibe Chair Prototype Results

Continuing from the design stage, there is a final result in the research on the output form of the space-filling element, namely the bibe chair, with a mock-up prototype to support the final result.



Figure 7 . Bibe chair prototype results.
Source: Fabiani, 2024.

Conclusion

Based on the discussion from the research stage to the research, it can be concluded that space-forming elements have space-filling elements such as the chairs discussed in this journal, and in creating a design concept for the Bibe chair, data, and explanations are needed regarding the concept and shape. Where the shape of this chair takes the form of a transformation from the cultural heritage of the Dayak tribe, namely the hornbill bird and the implementation of woven accents on the chair as a characteristic of the Dayak tribe. As well as the concept of the Bibe chair which has a tropical style that supports the connection to the tropical climate in Indonesia, especially the Dayak tribe. After the research stage, the design stage continues in the form of working drawings that describe the concept and shape of the Bibe chair, then from this design, the final design results are provided in the form of an existing prototype..

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