Interior design of music schools in Jakarta

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Abstract. Music School is pretty much in demand because of their interest in the ability to play musical instruments. Nevertheless, people still see music school with one eye only. It may be due to economic factors or low facilities and the interior of a music school; therefore, this music school was created to create an interior space that attracts the public interest. So, this research aimed to design the music school’s interior with psychological support elements to support the atmosphere of learning and playing music to be more motivating and good for students. This design was designed to follow the trend of urban society. The method of this research was the literature study, interview, and observation. Based on the analysis of the survey results, it can be concluded that many music schools in Jakarta still have some shortcomings, such as the acoustic system and or aesthetic aspects. This can reduce students’ interest in music. Teachers, staff, and most importantly, students need adequate facilities in carrying out activities in the music school.

The design concept used for the design of this music school is “Earth Melody” which is inspired by the melody of music and nature.

Keywords: music school, informas music school, layout of music

1. Introduction

The development of music in the world as in Indonesia increasingly shows rapid progress and is very interesting to follow. The development of music becomes something important for humans; the majority of people tend to always listen to music on smartphones, computers, radios. The reason music is very popular with the public is the psychological effects arising from the music. In this case, it is unfortunate that many Indonesian people like music, but many of them only like to listen to music compared to learning and playing musical instruments, even though there are so many benefits to get when playing music. Brain development experts said that music could play a role in the maturation process of the right hemisphere of the brain. However, it can affect the left hemisphere because of the cross-over from right to left and vice versa, which is very complex of neuronal pathways in the brain [1]. This hemisphere plays a significant role in the process of emotional development, which is very important for the development of human traits. Besides, music can also increase intelligence. The reason is that rhythmic stimulation can improve brain function. The internal rhythm produced by music makes the nerves of the brain work. The sense of comfort and calm stimulated by music makes the brain's working functions work optimally. If this is often done, the brain's function will work better, so the thinking ability is clearer and sharper and prevents senility. Therefore, the rhythmic stimulation of music that is played can also improve language skills, increase creativity, and improve our concentration and memory.
Music can substantially contribute to the education and development of children, having benefits that range from being mainly academic to the growth of social skills and contributions to overall development. This is a unique form of communication that can change students' way of thinking, thinking, and acting. Ofsted said that children's involvement in music involves re-engaging students, increasing their self-esteem, and maximizing their progress in education and not only in music [2]. Several studies have shown the positive impact of music on personal and social development, including discipline, cooperation, increased self-confidence, self-esteem, a sense of achievement, and the ability to relate to others [3].

A music school is an educational institution that specializes in music study, training, and research [4]. There are formal and informal music schools (music courses) that already in high demand by the public, such as Yamaha music courses that already have many branches throughout the city.

Music schools need a special room where the room has reached the criteria for proper treatment to play a musical instrument [5]. However, some music course places do not have special treatment in each room, so it does not maximize the sound of musical instruments. The resulting sound can interfere with music players in the next room, and the sound is out of the building that can be heard by the people around them. Besides, the sound can also be heard up in the houses around the course. The author aims to create a music school that can support the performance of each student/music player well by taking into account the main factors supporting the interior for the music school.

Based on the background of the above problems, the formulation of the problem can be obtained as follows: (1) How to create an exciting atmosphere and support the learning interests of students so that the educational process runs conducive; (2) How to design interior design with facilities that can build students' interest in going to school in its application to interior elements, and (3) How interior design plays a role in educating space users.

This music school has classical and pop music. Interior design is focused on three special rooms, namely Theory Classroom, Rehearsal Room, and Music Group Classroom.

2. Research methods
2.1. Research stages
- Literature study
  - The Literature Study is looking for references in the literature on the existence of music schools in particular. This discussion is also related to the problem of architecture, design style, consumer relations, and the music school's criteria. Literature study or library research is carried out in several knowledge books, magazines, and mass media.
- Interview
  - Interviews were conducted to obtain information about the music school surveyed. The following are the benefits that will be obtained if the interview is conducted:
    - Get input from parties who know and understand about music schools.
    - Get an overview of potential users and managers.
    - Get an overview of the initial design concepts used as the hallmark of the music school.
- Observation
  - Observation is the activity of a process or object with the intention of feeling and then understanding the knowledge of a phenomenon based on previously known knowledge and ideas, to obtain the information needed to continue a study.

2.2. Design stages
The process of designing the final project consists of several stages [6] :
- Design concepts
  - The concept is used to strengthen a design
- Zoning and space grouping
  - Zoning is the planning of the division of area or space needed in a location to be designed.
• Layout
  After zoning and grouping, the next step is to create a layout design. The layout design is done so that the whole room can display the aesthetics and place the rooms that have interconnected rooms.

• Application of color
  After making the layout, the very important thing is the application of colors. Color can determine the value of the beauty of a room. Good use of color is when it can make the observer interested in the interior of the room.

• Application of material
  Material from the floor, furniture, walls, and ceiling is something that must be considered for the aesthetic importance of the design. The design of the use of material types is needed for convenience before carrying out the tangible manifestation of a concept. The material used must be in accordance with the planned concept.

3. Results and discussion
Music schools are designed according to students’ needs to learn to use musical instruments, starting from the most basic to the highest level. The music room supports every player in it. The problem of the music school and its rooms is the lack of aesthetic elements and acoustic systems. The aesthetic element is quite important to increase interest in learning music so that students can enjoy more, be comfortable, and feel at home in their room.

In creating an interesting atmosphere and support the learning interests of students so that the educational process runs conducive, the concept of designing this music school is Earth Melody. The concept of “Earth” is inspired by the word “down to earth.” So, this design used a visualization of rocks, soil, wood that can lift the concept. In this design, the concept of “earth” is also based on the concept of green design in this school. The concept of “Melody” is inspired by the melody of musical instruments. Melody is a sound that we can only hear, but in the design of this school, many elements of the interior use melodies in the form of waves so that musicians and visitors can enjoy the melody without hearing it.

In the design of this music school, the concept of melody or tone is visualized with a curved line shape. This shape is applied to some elements of the interior of a music school. Some furniture designs are curved or wavy, like the melody, the design of the floor pattern, and the ceiling.

![Figure 1. Music School Mood Board](image)

The colors used in this design are Earth-tone colors with a mixture of warm colors such as copper, orange, yellow, and a mixture of gray, black, and white (see Figure 1). The color used symbolizes energy and warmth, which can provide psychological effects to the user of the room [7].
The interior style designed for this music school is modern with several combinations of straight lines with curved lines; these lines create the impression of being flexible and not stiff. The designed space image is calm but has a dramatic element. Each room is also designed to have bright lighting, so the room looks bright.

The use of the material is to use many linoleum floors because this kind of floor is the most environmentally friendly since it is made from flaxseed oil mixed with wood flour or cork powder with a backing of canvas fibrous cloth [8]. This linoleum floor can also be decomposed by soil. By using eco-friendly carpet tile material, it is easy maintenance and using bamboo parquet.
This design also uses the concept of sustainable design. The concept of sustainable/green design in this design uses materials that are safe in the environment and can be recycled. These include the use of bamboo parquet and Marmoleum floors, green wool in acoustics, split instead of central AC. There is a park in the middle of the building so that the air from outside can enter the room. There is no need for AC in the area around the window facing the park, such as the lobby and hallway, and only add a ceiling fan. There is no need for much light in some classes during the day because there are windows so that natural light from outside can enter. The use of lights can be adjusted individually in each class, and the use of solar systems to save energy.

The design of this music school is located in Jakarta. Therefore the design is adapted to the trends in this modern era because the people of Jakarta are very interested in the aesthetics of the interior design. As if every interior can directly become the object of photos that will be uploaded in the media social as if it is something they must do. So, this shows that design interior can build students' interest in going to school in its application to interior elements.

4. Conclusions
Based on the analysis of the survey results, it can be concluded that many music schools in Jakarta still have some shortcomings, such as the acoustic system and or aesthetic aspects. The music room is still just a painted brick wall. This can reduce students' interest in music. Teachers, staff, and most importantly, students need adequate facilities in carrying out activities in the music school.

Therefore, the authors designed a music school by making facilities that are quite complete with a good acoustic, lighting, ventilation, and circulation system. It aims to improve the quality of music playing and increase students' interest in playing musical instruments. This music school is also designed with a concept that is not standard so that it does not seem monotone.
In designing the interior of a music school, factors must be taken into account the need for space facilities, easy access, a good acoustic system, how to maximize light and natural air, and make users comfortable in it. Music players must feel comfortable and focused on when playing music. Without the support of aesthetic aspects or concerns about the sounds that interfere with other people outside, it is very influential on the results of his music playing; therefore, good interior design is very important. The choice of building material is also very important in the design. This day and age, designers should use safe materials and minimal negative effects on each user in it. If possible, the use of eco-green will be more beneficial because it is more environmentally friendly and can be recycled. For example, it is better to use green wool than Rockwool because green wool is more environmentally friendly. In contrast, Rockwool is cheaper though it can give an itchy effect to someone who touches it. Another example is choosing to use bamboo material compared to using a lot of wood material, although eco-green. However, it does not have a good impact on the environment compared to bamboo, which is much faster to grow than wood.

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