





Most of the libraries had been built with structures and furniture and were deemed uncomfortable since they neglected the needs of various age groups. Only case B chose furniture in consideration of the physical size of children. The libraries all used ceiling lighting rather than general lighting and the lack of windows resulted in less natural lighting and ventilation.

Table 4. Library Design

Classification	A	B	C	D
Picture				
Color	brown, blue, ivory	brown, pastel colors	brown, grey, black	brown, blue, ivory
Material	wood flooring, paint	laminated floor, wood flooring, paint	PVC, paint, sound absorption tex	wood flooring, paint

4. CONCLUSIONS

Our research on the design characteristics of children's community space in apartment housing allowed us to draw the following conclusions.

First, children's community spaces were limited to outdoor playgrounds, indoor playrooms and libraries, used by age ranges from infants up to elementary school students.

Secondly, although outdoor playgrounds offered secure play areas for children, they failed to use natural materials such as sand that would have given children closer contact with nature.

Thirdly, indoor playrooms were quite limited in size, impeding them from installing various play facilities. Most of them also neglected to account for the diverse age range of children, thereby underscoring a future need to do so. All but one of the complexes' libraries inconvenienced children by choosing inappropriately sized furniture. Therefore, furniture of various forms and sizes should be used in the future to address the different physical sizes of children.

Although this research categorized and examined the uses of diverse children's community space within apartment housing, the details have not been analyzed. Therefore, to plan the details for the spaces, further research that would evaluate user satisfaction and demands through surveys and interviews is proposed.

5. REFERENCES

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