

**The impact of the interactive design of the glass in the rehabilitation and the use of
Historical buildings
" Kaitbey avenue"**

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Abstract:

KAITBEY AVENUE is located near a school of Sultan Hassan al-Khalifa area and dates back to the Mamluk age of 1517 , this is the origin of the most fascinating archaeological Islamic effects of what Egypt is distinguished by its combination of prestige , which is reflected in the huge size and technical precision which we stand from richer Decoration and diversity .

it is the first avenue a separate topped with a school in Egypt, Islamic architecture , have been restored to the avenue in cooperation between the Supreme Council of Antiquities and the Spanish Agency for International Cooperation and reopened in 2000 where a decision was made by converting it to the center of Islamic civilization means the acquisition and documentation relating to intellectual production Islamic civilization Arabic in the fields of science, literature, arts and architecture The building houses three roles Search and Reading Rooms and digital library center halls were equipped with some techniques to the role assigned to it .

By the technological development in the glass design and its applications in various fields of life, especially in the field of architecture , we find that the interactive design of the glass became his greatest influence of his distinctive characteristics most important to involve the recipient " user " and being aware of the design and its interaction with him is based on the design of usable products , where there has been ease of learning and effective to use, and provides user experience, the product shall be designed to be a good tool efficient and effective , easy to use and educated remembered .

Therefore , it can be used for interactive design applications in the glass for the rehabilitation and the use of Historical buildings such as " Kaitbay avenue " as a center of Islamic civilization modern by digital library lecture halls with flat-screen display and tables facilitate the search process interactive and look at all the library's holdings , which helps that the center role assigned to it without affecting the origin of the archaeological and aesthetic