Structural standards for designing smart government applications in Egypt

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Abstract:

As the Egyptian e-government portal seeks to change and transform relations between institutions and citizens through ICT - through web applications and portals - with the aim of providing the best for citizens and facilitating access to their needs, and enabling them to access Information, which provides more efficiency, effectiveness and transparency to support all government procedural systems and eliminate corruption, smart government comes to complete what was built and invest in it by approaching more than the citizen on the one hand, and direct simultaneous interaction with information spread in the society and its economic, social and security components on the other hand through these applications on smart devices.

So, with the huge numbers of smartphone apps to choose from, we often find that the difference factor that convinces users to download the app, and their desire to continue using the application is a strong and attractive design, it's not just about designing an app with an aesthetic shape, but there are many things to consider by designer, which are essential for success related to the structural and functional standards of application design, and must be harmonized in order to achieve an easy-to-use, innovative application design, efficiency and effectiveness.

Therefore, there was a need to develop building criteria for the design of visual elements of smart government applications in Egypt, and by applying the descriptive research approach in describing and analyzing some models of applications launched by the Egyptian government, the research reached a number of feasible building criteria to be followed when designing smart government applications in Egypt.

Key Words:

smart government - Structural standards.

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