Smart Door System

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Abstract: *In daily life, people have the need to know the identity of a visitor who comes to their organizations, regardless of whether they are there at that time. This need is even greater for people who suffer from some kind of disability that prevents them from meeting the visitor. To provide a solution in this sense, this paper proposes a smart model that performs the task of a doorbell, which should recognize the visitor and alert the user. To achieve that, this proposal incorporates technologies , notification to user and management of their responses. The complete process .i.e. recognition of visitor and notification to user and the related management problem divided into interrelated stages and their standardization issues are discussed later . Finally, to test the effectiveness of the model, three scenarios where integrated; each one was composed by different organizations over which the recognition of known and unknown individual was analysed.*

Keywords: Visitor recognition ,Smart doorbell, Response management, Scenario testing.

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