

Design and developed of a smart elevator

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Abstract (12 font)

In this paper we present a prototype on and smart elevator, which is capable of being controlled by an App on a Smartphone. The elevator was designed to be used in commercial elevators of residential condominiums and hotels. End users will have the possibility of using his Smartphone as a key to control the elevator, this will allow them to give access to visitors remotely. Likewise, it will provide restricted access to the facilities. The scope of the present project includes the development of a functional prototype that represents the commercial idea. Also, the development of an App for Smartphone with Android operating system.

Keywords

Smart elevator, Android App, IOT

Biography

Javier Cruz Salgado He obtained a MSc and PhD in Industrial Engineering at CIATEC in 2011 and 2015, respectively. He made a PostDoctoral stay at CIO, from 2016 to 2018. Invited researcher at Illinois Institute of Technology, in the department of Applied Mathematics in 2013. His main research interest include fringe fringe projection profilometry and 3D printing.