Designing, programming and constructing a mechatronic system for intelligent building doors

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In this study, according to our goals, we simulate schematic design in Proteus and coding in CodeVisionAVR, kind of rotation and rpm control. In making this smart system we could evaluate it in case of mechanical and electronical and digital features and test it in different condition

Keywords : Automatic sliding door, Sensor, Motor control, Micro controller, Brushless DC Motor Diver, Designing, Simulating, CodevisionAVR