

DOOR AUTOMATION SYSTEM

SONIT NITIN PATIL

CREATED ON WOKWI



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THE VISION

HAVE SMARTPHONES AND SMART TOILETS. WHY NOT SMART DOORS?

Imagine a world where doors become digital doorways. No more fumbling for keys – a tap on your phone unlocks your home, while facial recognition grants entry to trusted guests. Gone are security concerns – real-time alerts keep you informed, and automatic locking secures your haven. Smart doors are the next frontier, seamlessly integrating into our lives, offering both convenience and peace of mind.

Well, it is not anymore just an Imagination!
Introducing **ESP32 DAS**

THE ONLY THING YOU NEED IS A DOOR AND THE ESP32 DAS. The DAS comes with a specialized Door Mechanism*, A revolutionary Cloud-IOT Alarm Integration and Alarm Ambience Lighting (AAL) not only automates your door but gives that extra layer of security for your room.

THE PRODUCT

HYPOGEAN DAS

TO VIEW PRODUCT SPECIFICATIONS—CLICK ON:

[IIT\TL\Mechatronics\3.1.2 Wokwi Simulation - Automatic Door
System\Specifications cum Report.docx](#)

A 3D CAD model of a mechanical assembly, likely a door opener mechanism. It features a central gear train with a large gear at the top and a smaller gear at the bottom. The assembly is supported by a frame with vertical posts. Dimensions are indicated with blue lines and text: 'R 26.12' for a top gear's radius, 'R 40.02' for a middle component's radius, and 'R 15.50' for a bottom gear's radius. A red 'X' marks a specific point on the bottom gear. The text 'TO GET MORE INFORMATION, CHECKOUT THE ENTIRE PROJECT HERE:' is overlaid in the center.

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[IIT\TL\Mechatronics\3.1.2 Wokwi
Simulation - Automatic Door System](#)