

Home Automation with Raspberry, Google Python: A fun useful project By Gregorio Chenlo
Bidirectional control by voice of sensors: humidity temperature thermostat with geolocation heater
electric supply failure garage door air toxicity doorbell presence sensors gas leaks fire smoke flood
Internet connectivity push buttons etc. Oriented to Home Automation enthusiasts College or
University students Engineering Final & Master Degree projects students and teachers with basic
knowledge of Electricity Electronics Python and Raspberry. com Home Automation with Raspberry
Google Python: A fun useful project Gregorio Chenlo (@arquiteutis) has a Degree in Physical
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HOME AUTOMATION WITH RASPBERRY GOOGLE Domotica con Raspberry Google y Python]: This
book is about the project design installation and maintenance of an advanced Home Automation
system. A fun and useful project with multiple sensors and actuators: Based on the Raspberry Pi
Google Home Artificial Intelligence and written in Python on Raspbian. Additional KNX modules
WIFI switches infrared converter Tado smart thermostat touch screens Router Bridge decoders etc,
Remote monitoring with VNC access with NO IP and Apache server, Multiple IFTTT routines for
Google Home and applicable to Alexa. and actuators: lighting window blinds LED acoustic and voice
signals barking guard dog simulation relays water and gas valves electronic watchdog control etc,
All this controlled bidirectionally by voice too with Google Home personal messaging with Telegram
touch screen with Raspberry and PLEX server. Reporting with event viewers email voice with alarms
and Telegram BOT, Fully configurable scalable with several proposals (from simple to complex) and
basis for other projects in any type of housing. With 20 years of experience in Telemarketing
Telecommunications Coaching amp; Team Leadership, Gregorio Chenlo (@arquiteutis) Laureato in
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