

WHO WE ARE

We are a group of college students (group 15 software engineering) who have come together to create a useful application that will make the lives of millions of people around the country easier. We are confident in our product and are determined to make it the best we can. With your support and feedback, we can improve autoHome and cater it to our customers' needs using smart technology.

Member List:

Mahmoud Bachir
Aaron Christie
Brendan Li
Kyle Ross
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CONTACT US

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GUIDE TO LIVING COMFORTABLY WITH AUTOHOME



AUTOHOME

making your home smarter

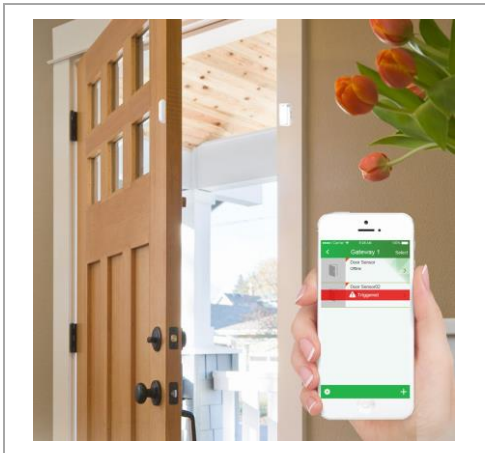
WHAT'S INSIDE?

ARDUINO UNO R3



The brain behind autoHome is the Arduino UNO R3. Implementing the new ATmega16U2 chip, this microcontroller provides sufficient power, speed and reliability to handle all the tasks used in autoHome

DOOR LOCK



autoHome comes prepared with a Hall Effect sensor which allows users to monitor the status of gateways in their homes, such as front doors. Our web/app integration allows users to check the status of their device without even getting up.

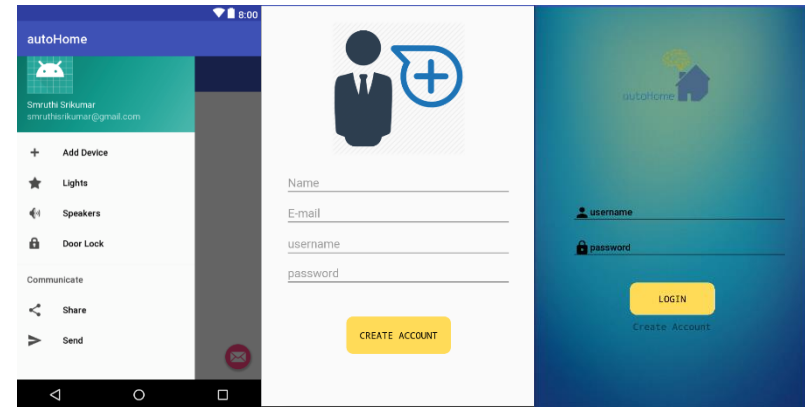
"In order to make autoHome a practical product, we started with the features that our customers would use the most and added the extras that would put our product on top"

- Aaron Christie, software developer, autoHome

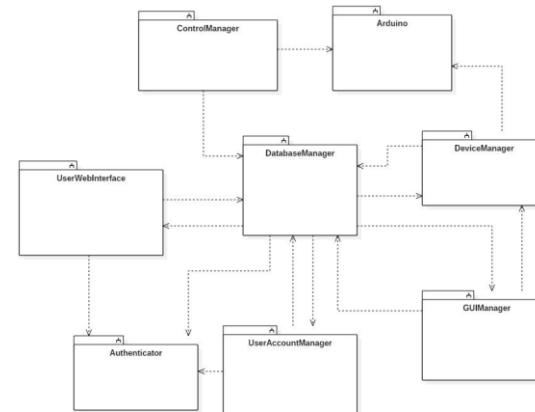
LIGHT/MUSIC CONTROL

autoHome services allows users to communicate to the Arduino using the esp8266 12-E Wi-Fi module. This allows our users to connect to their Wi-Fi enabled peripherals, such as smart light bulbs and smart speakers. Through our integration, our users enjoy the comfort of being able to change music and light settings from their fingertips.

Screenshots of UI from autoHome mobile application



Block diagram of autoHome communications



MINIMUM SYSTEM REQUIREMENTS

- MOBILE** Operating System: Google Android 2.1 or later
Processor: Qualcomm MSM8250 768MHz or better
Memory: 512MB or more
Storage: 1GB or more
Display: HVGA 480 X 320 16-bit color or better
- WEB** Processor: Intel Pentium 4 2.0 GHz or better
Memory: 512MB or more
Storage: 50GB or larger
Broadband Internet Connection \geq DSL 1.2 Mbits/s or equivalent

