

Talk to your own home devices

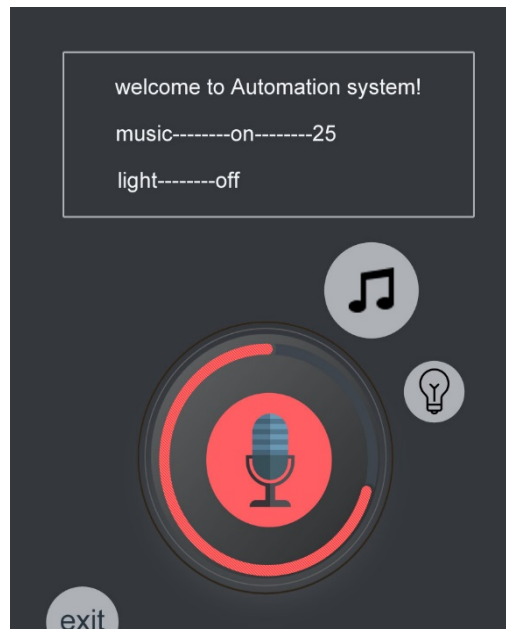
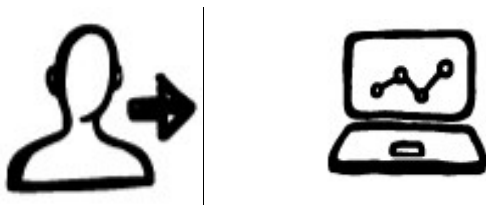
The research shows most natural way of communication is using our natural language. That's why we people treat talking as a very basic communication method.

Now we bring the ability of listening and understanding to the natural language to the home automation system.

Talk to the system and it knows your requirements and it will do the job in the way exactly as you want.

That is our Voice Control Based Home Automation System, Free your hands and easy your life is our ultimate destiny.

Amazing!



Brief does not means simple and that's why we build the UI simple from the very beginning.

But, Simple is one thing, we make the UI elegant, every single button or logo is designed with Photoshop seperately; we do hundreds of tests to get the best color and shape.

However, we go even further. With this UI you can simply do everything with no more than 3 touches.

Elegant-UI

Stable-server

The home automation system is smart because the Server is quietly Smart.

With our special keywords classification algorithm, the server is able to know exactly the user's idea. Also with the fuzzy language-understanding algorithm, the server is able to understand part of the command and give user feedbacks.

Yes, we know only smart is not enough for a Server. That's why we also make it stable and secure. With TCP protocol, we build the communication stable and reliable. With multi-thread algorithm, we provide the server ability to communicate with multiple clients at the same time.



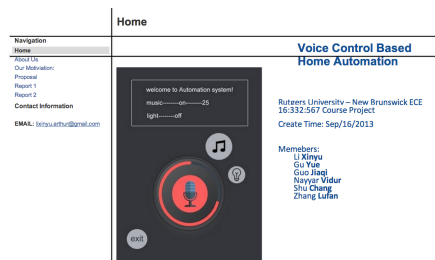
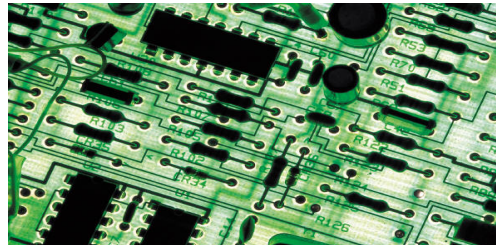
Smart Element- hardware

Microsoft and Apple told us to build the software with hardware can provide uses the best experiences. So we have our hardwires and we call them Smart Elements.

To make the elements smart we make them able to communicate with server via Wi-Fi. Also the Smart elements can communicate with each other too.

We know each one can be master in his special field, so do Smart Elements. We have multiple types of smart elements; you can control your music with a smart element while control the temperature with another smart elements.

Everything in your home will be in a great order, quietly and brilliantly.



The whole project is course project of software engineering.

Something About US

Group #5

Project website:

<https://sites.google.com/site/vchomeautomation/>

Every thing in the project is original.

We have the copyright of the whole project.

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