This project benefits people in different ways, not only to conserve electricity but also to save energy.

If a person goes out and he/she thinks that he/she has forgotten to put off any appliance, he/she could refer back to the app to check if he/she has left any appliance on and immediately turn it off. But now, if he/she has left any appliance on, he/she would get a notification on his/her phone to notify him/her, and if he/she doesn’t respond quickly to the message, he/she will immediately get a call, and further if he/she ignores the call, the appliance will immediately be turned off and thus will help to conserve electricity.

It is an advantage for working people, as, if a person is tired and when he/she reaches home, he/she desires his/her room to be cool, the person can just turn on or off the AC from wherever they are, so as when they reach home, the room will be cool. This could also apply in the case of a water heater, so as to have the water hot, for a soothing hot water bath. So basically it is just controlling your home, from your smart phone.

This is beneficial to old people as with age, their movement around their homes is limited, so as to help them out, so that they don’t need to interface with switch panels and electricity, in general. This may sound crazy at first, as people think that old people aren’t very much involved with technology and gadgets, but old people these days are starting to depend on gadgets and use them in their daily lives.

Generally, this project is beneficial to all kinds of people, as this project as well as the app is open source and can be expanded towards people’s needs, as their only limit is their imagination.

The interactive part of this project is beneficial to all people in general, so as to help them out, to get straight and accurate solutions to their queries.

The future aim of this project is to develop it on a single brain board, so as to decrease the price, so as it could be integrated in many homes. The project will also shrink in size in this case, making it portable and much easier to be programmed. As it is an open source project, the wake up word for the interactive part could also be changed, as I have just set it to Okay Google, for Exhibition purpose. If this project can hit the market in about 2 years, it will be a great success. But that’s all for the future, this is how it is at present, as a prototype, this is only what it is basically. As it is open source, people can add their own sensors and can also make it a completely autonomous system that works on a bare pc.

USES OF THE HOME ASSISTANT