Disadvantages of the current Smart Home

1. Difficulties in setting up smart home
2. Less secure since it connected to internet
3. A user still needs an expert to solve a certain problem
4. The entire system depends on your internet connectivity
5. There will be a problem of compatibility if all devices belong to different companies

New functionalities

1. Special connection protocol between devices.
2. Improve Multilanguage Voice command (collaboration with google translate)
3. Develop an app that support all devices from different company.
4. Cloud Connection for longer distance remote access

Prototype

1. Make clear “What” are the challenges/requirements

Controller need to support multiple protocol