

Stepping Stone:

You need to know...

- ✓ App inventor interface and how to make design for your application.
- ✓ How to make simple code using app inventor.
- ✓ Understand the function of Bluetooth client in MIT App inventor.

You will be able to...

- ✓ How to control home devices with mobile application.


**let's
Think**



How can we design a mobile app that allows us to remotely control and monitor our home, making it more convenient, efficient, and secure?

Explore



**Design the interface
of your mobile
application.**



Watch it..

**Check the following video
to understand more about
creating smart home
mobile application:**



Scan Here!

<https://www.youtube.com/watch?v=IOUwl4TIKLo>

Assessment

Focus



Choose the correct answer:

1. What is a common feature of smart home mobile applications?

- A) Ability to control multiple devices from different manufacturers.**
- B) Requirement of physical buttons for operation.**
- C) Limited functionality to one device only.**
- D) No remote access capabilities.**

2. Which of the following technologies is commonly used to control smart home devices via a mobile application?

- A) Ethernet cables.**
- B) Bluetooth and Wi-Fi.**
- C) USB connections.**
- D) Analog signals.**

Practice

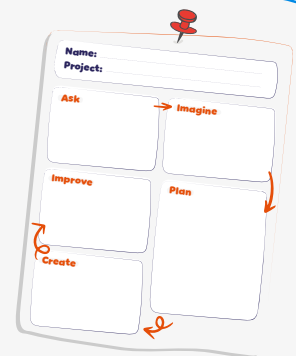


Write the code for your application and connect it to Arduino.

```
when Clock1.Timer
do
  if BluetoothClient1.IsConnected
  then set message_display.Text to "you are connected"
  else set message_display.Text to "you are not connected"
```



After we added energy sources in our city let's go back to the EDP and add it in improve part.



Now I can...

- How to control home devices with mobile application.