**Manual for Controlling Home Appliances using mobile phone**

**Via internet**

OnMyTip Application

Q.1) How to get started?

1. User has to register themself to the Admin by giving their personal as well as information about appliance they wish to control. Those are

* Full Name
* Email address
* Home address
* Contact number
* Appliances Name
* Name of rooms with appliances in it
* Power rating of each appliance

1. Once they have done that, admin will update this information on the database and will provide them their password.
2. This password can be used to login into the application.

Q2) How to install our product?

Since the installation of the system can be risky, Admin should provide his/company’s services which will help users in installation of hardware at their home. But they can simply call an electrician for the same.

Q3) How to take control?

1. Once registered, admin will provide user an application, either via website or via play store or via data transfer methods.
2. This application can be accessed only by the user’s registered email address with the password provided by the admin. Once logged in, user can control listed appliances.
3. The list of appliances can be viewed according to their room no. as well as all the appliances at once.
4. Each appliance on the list has a button in front of their name, which can be used to turn on or off the appliance.
5. Long pressing on any list item will show a pop up menu with options ‘Open’ and ’Report’. Selecting ‘Open’ option will open the device details like name, id, room no., etc., with a button at the bottom which can also be used for turning on or off the appliance. ‘Report’ option is currently in development.
6. Application contains information about the user in ‘My profile’ tab and information about project developer team with contact details in ‘About’ tab.
7. Since the information provided by the user while registering can be very sensitive and important for various purposes, user does not have permission for changing it via application. But details can be corrected any time by contacting the admin. Who will then update your details in the database. Contact details can be found in ‘About’ tab.
8. Query and update in the system can be asked to the admin via mail or contact no. any time.

**Via Bluetooth**

Home Control Application

Q 1 How to use the application?

1. Search for the device HC-05 in your phone via Bluetooth service and pair with it.
2. Insert password ‘1234’ and tap pair.
3. Open the application, where you will be promoted to turn ON your mobile’s Bluetooth, if not already ON. Tap on allow.
4. After that tap on ‘Paired devices’ button and select the HC-05 Bluetooth device.
5. Phone will then connect to HC-05 Bluetooth module and a list of Devices will open.
6. Simply tap on the button in front of the device name to turn it ON or OFF.