

Project Profile

**Location:**

India

Project:

Home Brains

Industry:

Lifestyle

Technologies / Platform:

- Android
- IOS
- MYSQL 2000
- Mantis Bug Tracker
- Teamwork

Business Benefits: Customer / Consumer

- Luxurious and hassle free lifestyle
- Moving towards not just beautiful but Smart Homes.

Client

Home Brains is the brain child of a leading IT enabled automation consulting, designing and integration company.

Business Needs

To create an application to control home appliances locally as well as remotely facilitating powerful home automation.

Rapidsoft's Role

Rapidsoft has developed an Android and iOS application with a user-friendly interface through which one can operate home appliances.

Solution Overview

Various devices are connected to the gateway which in turn is connected with the mobile phone to control various appliances such as lights, fans etc.

Control multiple appliances at once with groups such as living room, kitchen, first floor.

User can operate the appliances from anywhere.

Powerful automations help to make your home smart and life easy.

Highlights

User friendly interface.

Powerful automation

Rapidsoft's role

Rapidsoft created a mobile app to communicate with a gateway over TCP/IP connection and send AT commands to the gateway and gateway transferred the AT commands to the ZigBee switches which controlled the electronic devices like light, curtains, AC, et.

Mobile app searches for gateway over wifi and detects gateway IP.

User can add/configure gateway IPs using a Gateway configuration screen.

There is an initial device activation process.

Once the gateway is paired with the mobile app, gateway publishes its identity along with paired devices.

Mobile app asks user for his basic information and submits gateway ID, device info, to server with basic user info

If verified, app and devices will be active.