

User manual for users and for user experience:

The project of IoT based real-time energy monitoring and dashboard development is made by using the Tuya smart socket with the advantage of real time energy values such as voltage, current and power of any devices. The Tuya smart socket device is available in the e-commerce site daraz and after buying the product the user must install the smart life app and adding the device smart socket in the app and the wi-fi connection the energy values of any devices can be measured in the smart life app. Then, to find the smart life app values, the user must create an account in Tuya website and after logged in the user must create a cloud project in the Tuya developer website. Then, from that project the user can scan the smart life app code with the appropriate country code. Then the app will be integrated with the cloud project and from that project the user can get the device id, secret key and the API code. By integrating the code with the backend of the energy monitoring dashboard website, the user can get the energy values with real time and after the processing of the data using the backend code of energy monitoring dashboard website, the values of datasheets for seven days can be displayed on the website. The user experience for using this website will be easy if any user properly followed these above processes.