e-Salvage - Saver of Electricity

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Electricity had now become a part of our daily life and one can't think of a world without it.Our energy bills are growing high, and lowering them doesn't require spending money on green power gadgets or sacrificing your sanity. With a few simple tricks and minor adjustments to the way you operate your appliances, you can drive your energy costs down. Our project helps you in achieving this by letting you know how much power you consume on required basis

A lot of house owners and landlords are surprised when they see the electricity bills of their rentals. They want their rentals to low down their power consumption, but are left with no ideas at the end of the month. With the information that they get daily through our app, they could make analysis of lowering energy and advise the same for the people living in their different houses.

The idea is to initialise a required amount of units to be consumed based on the need via the app which makes comfortable for the user. As the limit is reached, the IoT device intimates the user through notification in the app. This alerts the user to be aware of the electricity consumption. So it helps in limited consumption of current as per their need. The entire process is handled by the data storage in the cloud. The reading from the electric meter is monitored by the Iot device and when the preset value is attained, it sends the data to cloud and from cloud the user is alerted via app. In order the achieve this in a proper we are in need of confidentiality of the data in cloud. Hence we use cryptography technique to make the information more secure.