AUTOMATED METER READING

AUTOMATED METER READING is an ideal solution for manual process of meter reading, updating the server with reading and getting the bill for each customers by the meter readers. At present, meter reading looks simple but it involves many issues like calculation errors in bills, difficulty in computing current consumption and cost, difficulties in reaching remote areas, etc... are some of the issues.

The proposed system for meter reading will reduce the burden of the employees, avoid human errors and incorrectness in bill generation. This will get the meter reading, update the server with reading units and go for billing. This Android application is used to get the reading from the meter, by capturing the image of the meter using Optical Character Recognition. Any customer with smart phone and network connectivity can access this application. Provide user friendly method for bill generation and payment.

With the use of this automated system most of the manual processes and calculations are eliminated so that the meter readings can easily be collected more accurately.

REFERENCES

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