

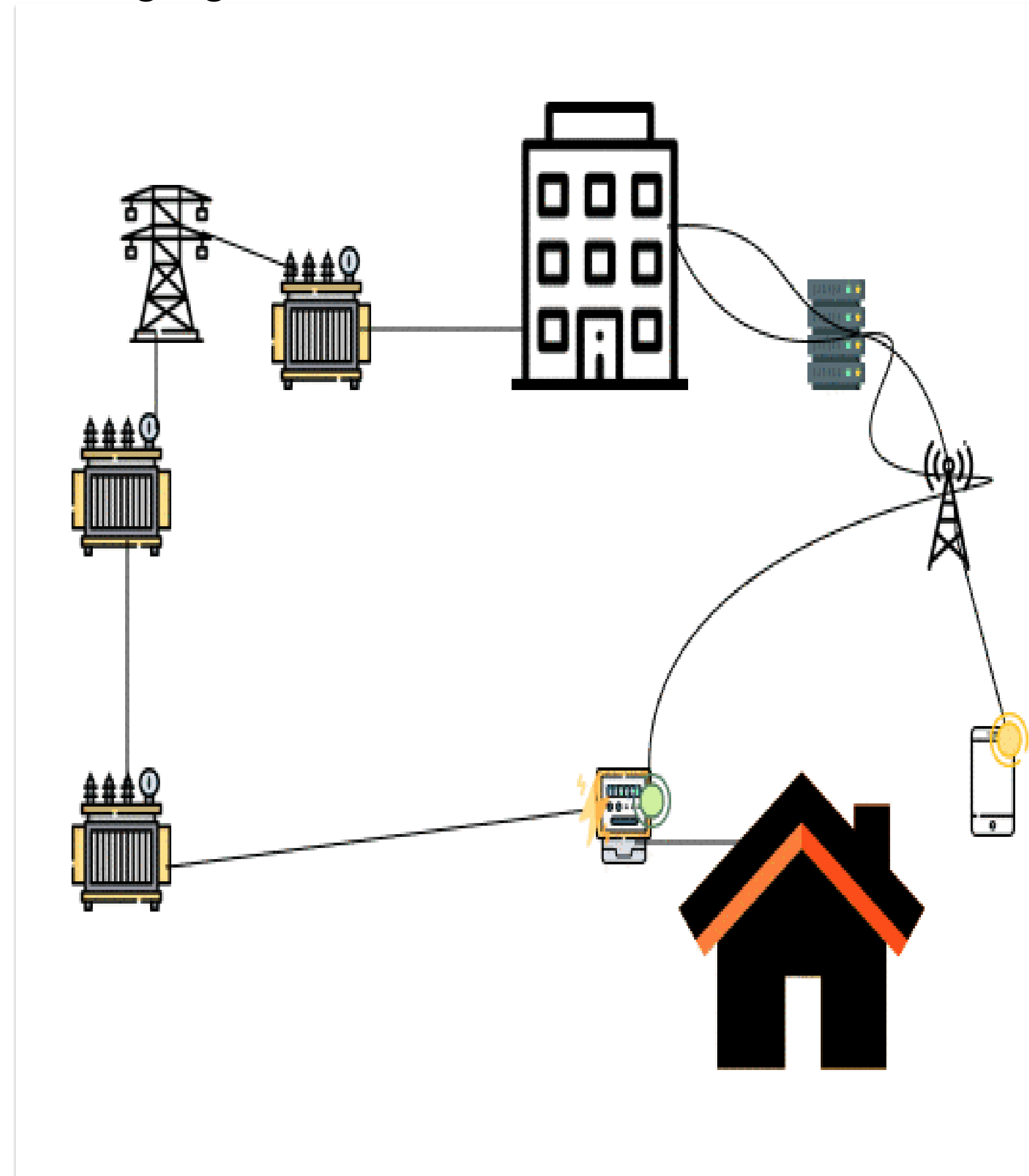


Phone-based electricity metering

Prepared by Faisal Ahmad, Eva Chahe, Gilbert Justine, Is-haka Mbarouk, Pastory Joseph.

Introduction

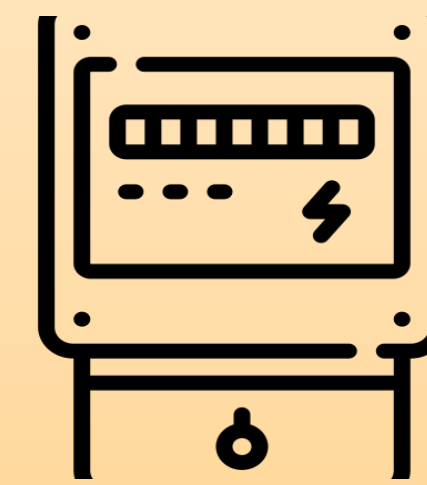
Currently, the process of recharging electricity meters involves manually entering tokens either directly into the meters or through remote recharging devices.



The main objective of this project is to design and implement a phone-based electricity metering system that leverages phone technology to monitor and manage utility consumption.

Key Resource

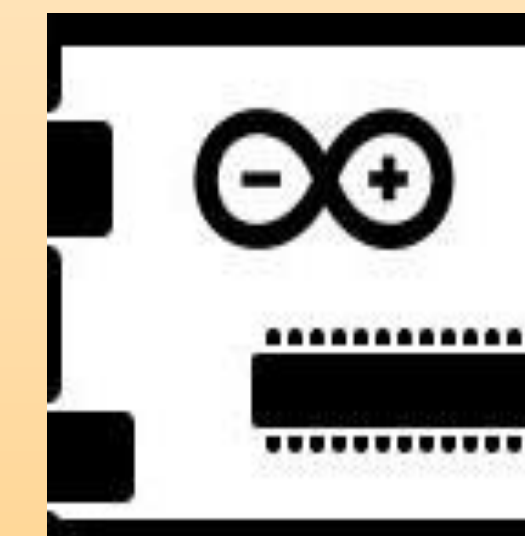
The smart meter



Phone application



Communication infrastructure



Significance of the Project

- Reduce downtime
- Real time Data Access
- Customer Alert and Notification
- Improve the Quantity of supply
- Improve customer service

Skills Required

- Coding (mobileApp and USSD implementation)
- IoT Engineering
- Customer support