1. Uniqueness about our idea is ; that it will calculate the power consumed by each and every appliance and can predict the final cost . And all these operations can be judged by the user from anywhere through the app installed in his/her phone and with the help of these calculations ,user can control the usage of appliances according to his/her need and budget.

2. The solution will simplify the business as no more dependency on meters placed to record the electricity consumption that gives the result for the appliances of the whole area .As through this ideas one can judge each appliance individually and can predict cost before time.

3.



4. Module (i) for qr code scanning is done by scanning through the app.

Module(ii) for recording data of appliances with the help of currrent sensor and raspberry pi connected over wifi and further the data will transfer to the cloud ,stored in the database.

Module (iii) for collecting that values from database and integrating with qr code for further calculations and predictions.