

SYNOPSIS OF THE PROJECT

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Shared folder/git repository details	https://github.com/ARATHYCP/Main-Project
Project Title	Smart Home Energy Monitoring And Management System
Description of Project: The main goal of my project “Smart home energy monitoring and management system” is to develop a system such that it will be capable to keep a track of each and every appliance in the home and the user will be able to acquire all appliance energy consumption parameters. Along with this, the energy consumption parameters of each individual appliance will be sent to gateway where an intelligent algorithm will be running to manage all the appliances as per user requirements. The user can monitor the energy parameters of each individual load using an android smartphone which will also work as a data setter to set various user programmable parameters like high/low cut-off voltage, etc.	
Front end and Backend Tools	Android, IOT