ActivApplications

Active Housemate: Design Document

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The “Active Housemate” app allow the users of Active houses to view information about, and control the features of their house while within the app.

USER INTERFACE

The app will have a launch screen that allows for login and leads to a front page that indicates daily and monthly power usage indications. The side menu contains options to go to, the home screen, climate control, individual rooms, statistics, and app configuration. The home screen contains information about the app and the help button. Climate control shows temperature and humidity and allows air conditioning control, individual rooms allows a look at all the rooms and the luminosity of each room. Statistics allows viewing of power usage history. App configurations allows personalization of app view.

FUNTIONALITY

The app will allow the user to view the data retrieved by the sensors about the, Power usage, Water usage, Humidity, Luminosity, Temperature, and Security of their house. It will also allow remote control of the Lights and Air Conditioning

MILESTONES

Alpha release – 28 October 2016

Beta release & Junit Testing – 31 October 2016

App Demonstration – 29 November 2016

Final Release – 12 December 2016