**Project Plan**

**Team Name:** AHStudio

**Project Name:** ActiveHouse V2

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The “ActiveHouse V2” app will allow the users of “ActiveHouse” to view information and control different features of their houses while using the app. For example temperature, ActiveHouse will allow the user to see the temperature within their home and allow them to calibrate to heating/air condition system to make the house cooler or hotter depending on their needs.

**User Interface**

When the app launched, you will be prompt with a login page that user is required to sign in to save their preferences. Once the user is logged in, the page that appears on the screen is the daily/monthly power usage indication. The side menu will contain options like go to the home screen, statistics, setting, climate control and many more feature to come as it is still in a developing stage. Home screen would contain information about the application and the help button. Statistics would show the user their usage over time as information is collected. Setting for a user to personalize how they want their app to be and able to save those preferences so every time they log in, they wouldn’t need to set everything over again. Climate Control to allow the user to see information about a certain room and they can mess around with it to their heart content.

**Functionality**

The app will allow the user to view the information collected by the sensors to the following:

Temperature, Humidity, Luminosity, Water Usage, Power Usage, CO Detection and more to come.

Also, it would allow the user to remote into the control of their lights and air condition from the app.