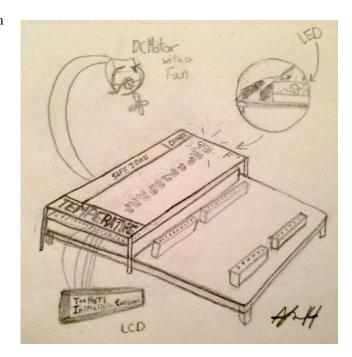Antonio Figueroa

Advanced Web Topics

November 14, 2014

Capstone Project Proposal

For the final proejct in this class, the capstone project, I would like to build a thermostat controller. The purpose of the device is too constantly measure the temperature of a device to determine if the temperature is rising above the "Safe" levels. into a "Danger" level. This event would trigger a "Cooldown" method that would cause a motor to rotate which in turn would make a fan rotate to cooldown the device. An LCD monitor will display information about the temperature of the device or the methods triggered. The LCD screen will notify when the fan is turned on and again will notify when the temperature has returned to the "Safe Zone" and therefore the fan can be turned off. To display the temperature I will build a cover for the LED using thick, dark color paper which I then cut out to let the LED's light through.