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Team PiBot

Our proposal for assignment 2 is to create a robot, combining a raspberry pi and an Arduino. The robot will use ultrasonic sensors to control its movement, used in conjunction with temperature sensors, a camera, and a light sensor. The temperature sensor can be used to make sure the robot does not get too hot, and if needed, initiate a fan to cool the robot down.

With time and resources permitting, we hope to create a website which will be used to control the robot, by using the on board camera. The site will also contain areas which can feed back data to the site such as the light and temperature sensor readings. The site will be used so anyone can control the robot and its features.