Project by Dylan Samson

Real Time Temperature Sensing Suite

ECE 4220 - Real Time Embedded Computing

Included are the following folders and files:

ECE4420 - Project Report.docx:

This file is the report for my project. It has been written in the format used for the labs this semester as specified by Luis.

ECE4220 - Project Report.pdf:

This file is a pdf version of the report.

Source Files:

This folder contains both the user space application (Project.c) and the kernel module (ProjectKernel.c) that may be compiled. Both these files are commented.

Hardware Setup:

This folder contains a video showing the hardware used for this project and briefly describes how it set up.

Simulation 1, Simulation 2, Simulation 3, Simulation 4, Simulation 5:

These folders contain the results of my simulations. All simulations include an explanation file which explains what features are being demonstrated. These folders also include the output files that result from simulation if applicable. Additionally, they include text files that contain the terminal output (Simulation 1, 2, 3) or videos of the simulations (Simulation 4, 5).