

MSOE EECS Department

SE3910: Week 4 Lab Grading Checklist

Dr. Yoder Names: _____

Item	Points
Include an introduction describing the lab in your own words	/ 1
Include Screenshot (or text) of the Lab4Test program running on the BeagleBone with addresses, etc.	/ 1
Include Screenshot (or text) of the Lab4Test program running on the VM with addresses, etc.	/ 1
How big is the executable for the first program when compiled for the BeagleBone?	/ 1
How big is the executable for the first program when compiled for the VM?	/ 1
Explain the differences between the addresses on the BeagleBone versus the host	/ 1
Client source file(s), properly formatted and commented. Include the filename for each file, written by hand if needed. No lines should wrap when you print the code. (You do not need to include GPIO.h or GPIO.cpp in your printouts.)	/ 2
Server source file(s), properly formatted and commented.	/ 2
Display usage when client and server are run without arguments	/ 1
Client and server both exit cleanly after all iterations	/ 1
Screenshot of oscilloscope capture used to measure interrupt latency. Be sure to indicate which signals you are measuring and to make clear how you calculate the latency. You may do this by hand after printing the report – but don't forget!	/ 3
Screenshot of oscilloscope capture used to measure network latency. Be sure to indicate which signals you are measuring and to make clear how you calculate the latency.	/ 2
Demo one of your network latency measurements in lab	/ 1
Conclusions: Write what have you learned with this experience	/ 1
Comments on the lab, either positive or suggestions for improvement. (you may use this space)	/ 1
Total	/ 20

- **Staple** this lab cover sheet on top of all the materials you are submitting.
- In addition to the materials above, submit any other supporting materials you create while working the lab (wiring diagrams, other screenshots, etc.) where they fit best in your report.
- Submit your work in the **order** listed above. You may put the source files after the conclusions.
- Your demo is due during the lab period. Your lab packet is due by 9 AM on the day after the lab is performed. You may do your (late) demonstration after submitting your lab packet if necessary. There is a 1 point per day late penalty on the demo. The maximum late penalty for the report+demo per day is 2 points. Slip your submitted lab packet under my office door or submit your packet to me during the laboratory.