SWEN 563 Project 1 Demo Checklist

Name 1: _____

Name 2: _____

POST routine

- Is there one? _____
- Demonstrate failure _____
- Demonstrate success _____
- Description:

Data Display

Do the following with the default value for lower limit of 950 microseconds and a 1 KHz square wave.

- Is the spread reasonable (3 or 4 adjacent buckets with rest 0)? _____
- What is the min value and max value? _____
- Change the pulse generator by 10 Hz and run. Do we see the expected change? _____
- Does it only display non-zero buckets? _____
- Is the sum of the bucket counts equal to 1000? _____
- Perform a second measurement without restarting. Does the program have this feature? _____
- Was the second measurement reasonable? _____

Now change the lower limit to 1950 microseconds. Change the pulse generator to 500 Hz and do another measurement.

- Did the program allow changing the lower limit without restarting? _____
- Is the spread reasonable (3 or 4 adjacent buckets with rest 0)? _____
- What is the min value and max value? _____
- Is the sum of the bucket counts equal to 1000? _____

Comments: