ENGG1000 Project Bionic Hand S1 2018

Acceptance Testing Guidelines

Date: Thursday May 10 (Week 10), 2-5pm.

Location: EE214. You will need to go to three separate stations in turn, and you will have five minutes to demonstrate each component. You are required to hand in the Risk Assessment at the final station.

Time: A timetable will be posted on the subject website. Be advised that there are three components to this assessment.

Marks: 10% of final course grade.

The motivation for this Acceptance Testing is for you to demonstrate to your clients (us) that you will be able to present a viable, competitive prototype for competition in Week 13. It is also intended to be a motivator for you to avoid procrastinating. To demonstrate the viability of your design, we ask you demonstrate that you can independently meet a set of partial requirements, stated here

1. Pick up and turn an empty water bottle (3 marks)
2. Pick up the smallest and largest object (3 marks)
3. Receive a code via a Bluetooth signal. (2 marks)
4. Hand in a completed Risk Assessment for your device (2 marks)

Your team will be awarded a mark out of 10 based on how well it meets the above requirements, with the mark breakdown as shown above. This mark will be average of at least two scores from independent representatives of your client (tutors and mentors). Their decisions will be final. This activity equates to 5% of your final grade, and is part of the group component of your final mark.

Note that there are limitations on the time and space available in which to conduct these tests, so you are asked to be fully prepared and to carry out your demonstration as expeditiously as possible at your allocated time.

If you miss your allocated time then you will forfeit all marks for this component. Rescheduling will not be possible. Note also that your device does not have to be fully completed in order to obtain full marks in this task.