# Task Proposal

## Meeting Date for the Proposal

24/03/25

## Task Code

WP8T5

## Task Version

V1

Task Members

*Task Lead:*

Jonathan Wong

*Supporting Members:*

*Members:*

Task Description

*Initial Task Goal(s):*

Make modifications to the prototype and circuit

*How this Task links overall to the WP:*

Make the demo more streamlined and increase functionality

Task Results

*What was delivered:*

Buttons were added to the circuit to quickly control which poses the grasper does, and one resistor for each button. After changing the circuit, the ampere output from the laptop was no longer enough to drive both the circuit and the motors, so a separate variable power source was added to drive the motors. The palm joint was also replaced with an improved design. Cable sleeving was also added to make the prototype more presentable. The chassis was reprinted with new colours to make it more visually appealing. Screws were added to the first finger joint motors to make sure it has enough contact with the joint, improving functionality.

*Why we think this approach will work:*

## Supporting Task Research and Supervisor Notes

### *Why have you completed the task this way:*

### *What previous research or methodology did you use to complete this task and why:*

### *References:*

Reference anything using IEEE style: <https://www.mybib.com/tools/ieee-citation-generator>

*What points were mentioned by the supervisor related to this task (if any):*

## Agreement

### *Which team members agree/disagree with the results/approach for this Task:*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Member | Stephanie  Buchanan | Ismail Hendryx | Kautilya  Chappidi | Jonathon Wong | Daniel Pawlak | Mohammed Islam | Gallad Isse |
| Agree( ) or Disagree( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |

### *Who Disagrees and why:*

Put down the name of the person who disagrees followed by comments