# Task Proposal

## Meeting Date for the Proposal

14/12/24

## Task Code

WP2 T2

## Task Version

Version 1

## Task Members

### Task Lead:

N/A

### Supporting Members:

N/A

### Members:

Stephanie Buchanan, Daniel Pawlak, Jonothan Wong, Mohammed Islam, Gallad Isse, Ismail Hendryx, Kautilya Reddy Chappidi

## Task Description

### Initial Task Goal(s):

To (submit a form to) purchase our 3 types of debris.

### How this Task links overall to the WP:

This task links to the overall Work Package as it is related to sourcing one of the 3 categories of debris type we defined for our scope.

## Task Results

|  |  |  |
| --- | --- | --- |
| Type | Description | Details |
| 3D Printed Nuts and Bolts | M8 screws  8mm thread diameter, 70mm length diameter | https://makerworld.com/en/models/845369#profileId-792401 |
| 3D Printed Hex Nuts | N/A | https://makerworld.com/en/models/845369#profileId-792401 |
| Online Sourced Nuts | Amazon | https://www.amazon.co.uk/FandWay-M1-2-M1-4-M1-6-M2-5/dp/B0C399HDXP/ref=sr\_1\_16 |
| Rachet | Amazon | https://www.amazon.co.uk/s?k=ratchet+wrench&crid=36D39YQ0O4P7X&sprefix=ratchet+wrench%2Caps%2C95&ref=nb\_sb\_noss\_1 |
| 3D Printed Spherical Object | Diameter 5.5cm | Generated via OpenSCAD |
| Irregular Shaped Object | Templates found in Cults3D | https://cults3d.com/en/3d-model/game/space-debris-templates |

### What was delivered:

The above table

### Why we think this approach will work:

N/A

## Supporting Task Research and Supervisor Notes

WP2, T1, ST1.

WP2, T1, ST2.

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

Because it seems like the most feasible approach.

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

I looked at WP2, T1, ST1 and WP2, T1, ST2.

### References:

*N/A*

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

Technician Feedback:

* Avoid external websites for parts
* Debris 🡪 Anything that can be 3D Printed do so and borrow rest (tools, nuts and bolts) from the maker space

## 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:

N/A