**Senior Design Project: Pack It - SW/HW List**

***Students:***

Dylan Goncalves - 1005205

Genesis Paz - 1023666

Devaughn Staple - 1018386

Aryaj Panta - 1015148

***Project Advisor:*** Professor Miad Faezipour

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item** | **Cost** | **Quantity** | **Total** | **Link** |
| ELEGOO Mega 2560 Complete Starter Kit | $59.99 | 1 | $59.99 | <https://amzn.to/35PW0JA> |
| 4 Piece 50kg Load Cell with Arduino Module | $8.99 | 2 | $17.98 | <https://amzn.to/31AzqBe> |
| 15.6 in. Charcoal Lightweight Backpack | $32.99 | 1 | $32.99 | <https://amzn.to/2qzH5mR> |
| Portable Charger  24800 mAh Black | $29.95 | 1 | $29.95 | <https://amzn.to/32xOu3W> |
| Soldering Iron Kit (US Kit) | $34.99 | 1 | $34.99 | <https://amzn.to/2qqgFDJ> |
| Force Sensitive Resistor 0.5” | $6.95 | 3 | $20.85 | <http://bit.ly/2VYmcgE> |
| Force Sensitive Resistor - Square | $11.25 | 3 | $33.75 | <http://bit.ly/32A5Flz> |
| Force Sensitive Resistor - Small | $6.95 | 3 | $20.85 | <http://bit.ly/2o103BE> |
| Force Sensitive Resistor - Long | $20.95 | 3 | $62.85 | <http://bit.ly/33UaXIV> |
| Vibration Motors | $7.99 | 1 | $7.99 | <https://amzn.to/33QFZkN> |
| Mannequin | $71.99 | 1 | $71.99 | [https://amzn.to/2NdvRf5](https://www.amazon.com/Realistic-Mannequin-Display-Turns-Dress/dp/B071WFG2V4) |

Overall Total: $394.18