| Parts for Smart home monitoring system | | | | | | | | |
|---|-------------------|-------------------|------------------|------------|----------------|---------|---|----------|
| Description | Source | Part # | CAD \$ Unit Cost | # Of Units | CAD\$ Subtotal | Shippin | g Link | Comments |
| Human Sensor Module | Aukru | HC-SR501 | \$3.66 | 3 | \$10.99 | Free | https://www.amazon.ca/Aukru-HC-SR501-Pyroelectric-Infrared- Detector/dp/B019SX6ZR6/ref=sr_1_4_sspa7keywords=HC- SR501+Pyroelectric-Infrared+Sensor+Module&qid=1569197965&sr=8-4- spons&psc=1&spla=ZW5jcnlwdGVkUXVhbGlmaWVyPUExVTcxQ004RVhRNUIEJmVuY3J5cHRIZEIkPUEw | c |
| MQ2 Smoke Gas LPG Butane Methane Sensor | Willwin | MQ-2 | \$6.05 | 2 | \$12.10 | Free | https://www.amazon.ca/Willwin-Butane-Methane-Detector-Arduino/dp/80778NQ5JK/ref=sr_1_5?crid=1H1H50Ll3OC4K&keywords=arduino+gas+sensor&qid=1569197714&sprefix=arduino+gas+s%2Ca55 | p |
| Temperature & Humidity Sensor | DoMoment | SHT31-D | \$6.47 | 1 | \$6.47 | Free | https://www.amazon.ca/SHT31-D-Temperature-Humidity-Breakout-Interface/dp/B07KVYVTJ/ref=sr_1_2?keywords=SHT31-D&qid=1569198758&sr=8-2 | |
| Project Case | Humber Proto Lab | | \$25 | 1 | \$25.00 | N/A | | |
| Laser Cutting (\$1 per minute) | Humber Proto Lab | | \$7 | 7 minutes | \$7 | N/A | | |
| PCB | Humber Proto Lab | | \$5.00 | 1 | \$5.00 | N/A | | |
| Solder | Humber Proto Lab | | \$10.41 | 1 | \$10.41 | Free | https://www.amazon.ca/MG-Chemicals-Desoldering-Solder- Length/dp/B00809WB02/ref=sr_1_1_sspa?keywords=solder&qid=1569200607&s=electronics&sr=1- 1- spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUFDWE0xRDRBRkY1V00mZW5jcnlwdGVkSWQ9 | Q |
| | | | | | | | | |
| Parts already purchased | | | | | | | | |
| Raspberry Pi B+ starter kit | Canakit | PI3P-STR32-C4-BLK | \$104.95 | 1 | \$117.90 | 12.95 | https://www.canakit.com/raspberry-pi-3-model-b-plus-starter-kit.html | |
| Camera Module Board 5MP Webcam Video | SainSmart | | \$21.99 | 1 | 21.99 | | | |
| MEGA 2560 R3 Board ATmega2560 | Elegoo | | \$20.86 | 1 | \$20.86 | | | |
| Parts Kit | Humber Book Store | | \$92.95 | 1 | \$92.95 | N/A | | |
| Total tax for all parts CAD\$ | | | | | \$42.99 | | | |
| Total tax for parts not yet purchased | | | | | \$10.01 | | | |
| - · · · · · · · · · · · · · · · · · · · | | | | | 40=0.00 | | | |