VCE Systems Engineering Amit Aalok

**Evaluation Criteria Development**

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|  | **Design Brief Area** | **Rank** | **Question (Evaluation Criterion)** | **Importance** | **Achievement** |
| **1** | Safety | 1 | Is the weight reasonable | So its easy to work with | Use lightweight material |
| **2** | Reliability | 2 | Will it hold up under the stress of time | So its useful and requires less maintaince and updating | Use more reliable components and materials |
| **3** | Cost | 3 | Can I afford it | So I don’t go fucking broke | Look around for deals before buying components |
| **4** | Time | 4 | Will it be done by the deadline and on time | So I can finish the project and hand it in | Better time management, use gantt charts |
| **5** | Materials | 5 | Can the material be sourced easily and is it easy o work with | So its easy to construct the project | Use good quality materials |
| **6** | Size | 6 | Will it fit easily in stuff | So its easy to handle | Use miniature components, (SMD soldering?) |
| **7** | Accuracy | 7 | How accurate is the raw data collected | So the data collected can be used | Use high accuracy components |
| **8** | Networking | 8 | Can it swap between networks and be able to establish and maintain a stable connection | So the data can be reliably transmitted | Host everything in a high fidelity server |
| **9** | Movement | 9 | Whats the axis and degrees of movement for the project | So the project can move around and stuff | Use DC servo motors |
| **10** | Weight | 10 | Is the weight reasonable | So its easy to move | Use light weight materials |

VCE Systems Engineering

**Evaluation Criteria Responses**

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|  | **Evaluation Criterion** | **Evaluation Reponse** |
| **1** |  |  |
| **2** |  |  |
| **3** |  |  |
| **4** |  |  |
| **5** |  |  |
| **6** |  |  |
| **7** |  |  |
| **8** |  |  |
| **9** |  |  |
| **10** |  |  |