|  |  |
| --- | --- |
| Requirement ID | Design Feature |
| Payload 1 | Mounting Container |
| Payload 2 |  |
| Payload 3 | Mounting Container |
| Sound and Lights 1 | Sound and Lights |
| Sound and Lights 2 | Sound and Lights |
| Sound and Lights 3 | :) |
| Sound and Lights 4 | Sound and Lights |
| Sound and Lights 5 | Sound and Lights |
| Sound and Lights 6 | Sound and Lights |
| Sound and Lights 7 | :) |
| Sound and Lights 8 | :) |
| Vehicle Motion 1 | Servo/Motor Control |
| Vehicle Motion 2 | Servo/Motor Control |
| Vehicle Motion 3 | Servo/Motor Control |
| Vehicle Motion 4 | Servo/Motor Control |
| Vehicle Motion 5 | D: |
| Vehicle Motion 6 | Servo/Motor Control |
| Vehicle Motion 7 | D: |
| Vehicle Motion 8 | D: |
| Vehicle Motion 9 | Ground Station Communication |
| Obstacle Detection 1 | Obstacle Avoidance |
| Obstacle Detection 2 | :>) |
| Obstacle Detection 3 | Obstacle Avoidance |
| Obstacle Detection 4 | Obstacle Avoidance |
| Obstacle Detection 5 | Obstacle Avoidance |
| Water- and Dust-Proofing 1 | Waterproofing |
| Water- and Dust-Proofing 2 | :| |
| HD Camera 1 | Video Feed |
| HD Camera 2 | Video Feed |
| HD Camera 3 | Video Feed |
| HD Camera 4 | Video Feed |
| HD Camera 5 | Video Feed |
| HD Camera 6 | Video Feed |
| HD Camera 7 | Video Feed |
| Ground Station 1 | Website Frontend |
| Ground Station 2 | Website Frontend\* |
| Ground Station 3 | Website Frontend |
| Ground Station 4 | Website Frontend\* |
| Ground Station 5 | Website Frontend |
| Ground Station 6 | Website Frontend |
| Ground Station 7 | :| |
| Ground Station 8 | Website Frontend |
| Communications 1 | Website Frontend |
| Communications 2 | Joystick |
| Communications 3 | Joystick :) |

**Note - can't reconnect if signal lost, car has to do stuff to fix that**