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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Risk** | **Risk Description** | **Likelihood** | **Impact** | **Severity** | **Owner** | **Mitigation** | **Status** |
| 1 | Battery Life Issues | Issues with the battery such as failure and short battery life. | Medium | Low | Medium | Self | Use of long-lasting batteries, always turning off the device when not in use. | Open |
| 2 | |  | | --- | |  |  |  | | --- | | Connectivity Issues | | Real-time heath monitoring may become difficult due to poor network connectivity. | Medium | High | High | Self | Make sure there is always a stable internet connection. | Open |
| 3 | Device Compatibility | Mobile application and operating system may not be compatible with all mobile devices. | High | Medium | Low | Self | Ensure that the device is compatible through various platform. | Open |
| 4 | Hardware Failure | Hardware failure such as sensors disconnection, display failure, etc. is possible. | Low | Medium | High | Self | Use of hardware that are of high quality, with constant testing. | Open |
| 5 | Sensor Malfunction |  | Medium | High | High | Self | Consistent calibration of sensors and thorough testing in various conditions before deployment. | Open |
| 6 | Mobile App Development Bugs |  | Low | Medium | Medium | Self | Continuous testing with real users, and extensive debugging during the time of app development. | Open |
| 7 | Software Bugs |  | High | Medium | High | Self | Testing in early phases to identify bugs beforehand and system-integration testing. | Open |

**Notes:**

ID values may be useful to refer back to in your final documentation. Number these in order. This register should be included in the appendix

Risk description provides an outline of the issue

Please use Low, Medium and High to identify the risk level and colour code.

Typically the owner will be you, but it maybe the case in team work or other projects that have external clients, other activities may impact on the project

Mitigation implies on how you will manage the risk and to reduce the likelihood of it occurring

Status – has the risk event now passed. It should indicate an Open and Closed status.