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| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Risk Description** | **Likelihood** | **Impact** | **Severity** | **Owner** | **Mitigation** | **Status** |
| **R01** | **Integration Challenges (IoT Devices with Mobile App)** | **Medium** | **High** | **High** | **Sandesh Paudel** | **Through Testing, Collaboration with Supervisor, Flexible Architecture** | **Open** |
| **R02** | **Device Failures (Failure of connection)** | **Medium** | **High** | **High** | **Sandesh Paudel** | **Testing, Maintenance Checks, Establishment of different Protocols** | **Open** |
| **R03** | **Connectivity Challenges (Network Connectivity Challenges)** | **High** | **Medium** | **High** | **Sandesh Paudel** | **Through Network Testing, Strong connectivity protocols** | **Open** |
| **R04** | **Device Compatibility (Responsiveness of the App)** | **Medium** | **Medium** | **High** | **Sandesh Paudel** | **Prioritize the compatibility devices and multiple compatibility testing** | **Open** |
| **R05** | **Inefficiency Emergency Response (Alert Notification on Time)** | **Medium** | **High** | **High** | **Sandesh Paudel** | **Regular practice of emergency protocols, establishment of clear communication channels** | **Open** |
| **R06** | **Insufficient User Training (How to Use the System)** | **Low** | **Medium** | **Low** | **Sandesh Paudel** | **Training to User, Tutorials Support** | **Open** |
|  |  |  |  |  |  |  |  |

**Notes:**

ID values may be useful to refer 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 may be the case in teamwork 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.