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| Ranking of periodicity and severity | Risk | Explanation | Controls and Measures | Periodicity | Severity |
| 5 | Soldering iron | Very high temperature, which could burn the user. | Wear rubber gloves. | 3 | 4 |
| 4 | Solder Paste | The solder paste is toxic, which can cause hospitalisation. | Wear rubber gloves. | 2 | 5 |
| 4 | Overheating circuit | The circuit could be supplied too much current, which leads to glowing and overheating thus causing eye damage or burns. | If happens, move away from circuit and turn off power supply. | 2 | 3 |
| 3 | Soldering fumes | Inhalation of harmful toxic fumes, which can lead to hospitalisation | Open windows to allow proper ventilation. | 3 | 2 |
| 3 | Wiring from circuit | Sharp wires can cause small cuts. | Handle wires with great care. | 2 | 3 |
| 2 | Software bugs in code | Could lead to delays of deadline and causing incomplete project. | Ensure constant debugging. | 4 | 1 |
| 2 | Software bugs in code #2 | Result in the wrong weather being displayed to the user thus leading them to wear incorrect clothing leading to heat stroke. | Put warranty that it may not be accurate. | 4 | 1 |
| 2 | Lack of coordination in teammates | Lead to lower efficiency in project. | Establish clear communication and set targets for individuals in the team | 4 | 1 |

Periodicity: 1 – 5, where 1 means very rarely happening and 5 means very frequent.

Severity: 1 - 5, where 1 means not severe at all and 5 means extremely severe.

Ranking: 1- 5, where 1 means not severe and frequent, and 5 means very severe and frequent.