## Contributors List and Summary

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| **Feature Id** | **Feature** |
| F\_01 | Tests if button is on or not |
| F\_02 | Converts the binary to adc |
| F\_03 | Displays the temperature on the serial monitor |

**Challenges Faced and How Was It Overcome**

| **No.** | **Challenge** | **Solution** |
| --- | --- | --- |
| 1. | On the simulide on version where some requirements are not available | Solved in the connect session |
| 2. | Issues in running the code | Solved by exploring in futureskills platform |
| 3. | Issues in workflows on make file | Solved by taking out my files from the imoplementation part and I kept them in separate files |

**SWOT ANALYSIS**

**STRENGTHS:**

* User friendly
* Easy to change temperature
* Low cost
* Can be installed easily

**WEAKNESS:**

* Applicable to cold countries

**OPPORTUNITIES:**

* Can be used for other applications by changing the sensors

**Threats:**

* Not suitable for high temperature regions