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| **SRS sheet** |

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| **Requirement ID** | **Questionnaire** | **Technical** |
| R-01-1 | LCD | LCD\_VoidDisplay();  Will display temperature. |
| R-01-2 | Push Button type | Bouncing\_u8Bounce(u8 SwPin);  Deal with bouncing of switch |
| R-01-3 | Push Button functionality | 1- Select\_Button();  Will display  First line "🡪1- fan speed "  Second line "2-Temperature"  When pressed selector again arrow down on temperature, when user pressed button for 2 second will select temperature and display increase or decrease temperature. And when user want to increase temperature function Increase\_Button(); will called ,when user to decrease temperature  Function decrease\_Button (); will called same for fan speed.  2-Increase\_Button();  Will increase the fan speed and display temperature on LCD.  3—decrease\_Button();  Will decrease the fan speed and display temperature on LCD.  4-Turn\_OnOff();  When user pushed this button one's will turn on LCD and display the last Temperature ,when user pushed again turn off LCD, stop fan and save the last reading of temperature in EEPROM of  micro controller. |
| R-01-5 | Default value when making reset | Save\_Last\_Read();  Will save reading of temperature and fan speed in EEPROM. |