**SEAT HEATING MONITORING SYSTEM**

**REQUIREMENTS**

**INTRODUCTION:**

The vehicle seat monitoring system is capable of maintaining the heat in the vehicle seats. When the temperature is low the electronic designer should make sure that his equipment should work efficiently in that weather. In this project the button sensor will sense is the driver or passenger seated or not and if the driver or passenger is seated then need to set the temperature accordingly by changing it .Based on that the controller will set the heater to required temperature. The heater will generate the heat and a LCD display will show requested the temperature.

**FEATURES:**

* It is used for determining weather the user is present or not in the vehicle.
* If the passenger or driver present in the vehicle then it will give the indication.
* After giving the indication it will determine the heat .
* Driver and passenger can have the access to modifying the temperature in the vehicle.
* The passenger can modify temperature by watching the display as the display is given in the system.
* Low cost and robust system.

**SWOT – Strengths ,weakness, opportunities and Threats.**

Strengths:

* It is easy to change the temperature inside the vehicle.
* Low cost.
* It is user friendly.

Weakness:

* It is used in the places where their is low temperature.

Opportunities:

* It can be implemented by having both Heater and AC.

Threats:

* It is not suitable for high temperature areas.

**4W’s and 1H**

WHAT: It is about vehicle seat heating monitoring system

WHERE: It is used in the Automotive Industries.

WHEN: It is used when there is a low temperature.

WHY: It is used because there are some health issues

HOW: This project is used for generating the heat in seats when the person present in the vehicle.