Introduction

The bus seat management system is use to monitor whether the seats in a bus are occupied or not. It determines the presence of passenger and if the passenger is present then the system starts its function.

If the passenger is taken his/her seat then they need to press ON their button. Then automatically it senses the temperature of a person seated in its position that temperature is displayed on the screen.

The main aim of this project is to design and develop the system that is capable of monitoring the passengers existence and Temperature Monitoring and Displaying it on screen.

Features

* Its capable of determining weather the passenger exists or not.
* If passenger is existed in the bus it will give the indication.
* After it is indicated it will determine the temperature.
* Driver and passenger can have the access to modifying the temperature in the vehicle.
* The passenger can modify temperature by watching the display as it displays in the vehicle.
* Modular Based Programming.

SWOT Analysis

* Strengths

* Easy to modify the temperature values
* Low cost
* User Friendly

* Weakness

* It is only applicable for some countries which are having low temperatures.
* It has to me monitored continuously.

* Opportunities

* It can be implemented by replacing heater with air conditioners.
* It can be implemented for better management of transportation.

* Threats

* Not suitable for average for countries which are having low temperatures.
* If the monitoring system causes any damage then it is difficult to monitor.

4W's and 1H

* WHAT : Passenger seating and temperature monitoring systems.
* WHERE : Used in automotive industry and transportation system.
* WHEN : At low temperature conditions.
* WHY : To monitor the temperature and health of a person.
* HOW : By modifying the temperature on the display.