

## **6.1 CONCLUSION:**

By introducing the concept of wireless technology in the field of communication, more efficient and faster, with greater efficiency, in addition to display the messages with less errors and maintenance, concept of design a system that acts as a platform to receive messages, which in fact are commands sent to control display units connected to the platform, the control system is based on the GSM technology that effectively allows control from remote area to the desired technological world. The design allows a greater space for control and monitoring of far distance work, so no need to be physically present in order to control the publicity in far locations.

The model is built with a GSM based control center (computer + GSM module) and display units (microcontrollers + LCDs + GSM modem). The system design is expandable. A PC or a simple phone can control and monitor the system operation , by the way the user will be friendly with the system.

And even what this project wants to deal with "control of LCD publicity" is a subject of growing interest and in recent years many systems provided such control.

**Table (6.1) Comparison with Previous Work**

|    | <b>Features</b> | <b>Previous Work</b> | <b>Present Work</b>                |
|----|-----------------|----------------------|------------------------------------|
| 1. | GSM             | Not available        | Available (PC –phone )             |
| 2. | Microcontroller | Not available        | Available for saving code & SMS.   |
| 3. | Security        | Not security         | Security Monitoring of the system. |

## 6.2 RECOMMENDATION

Although the designer of "Remote control of LCD Publicity" is working very well and used in many countries, after making scan in the advertisement companies in Sudan, unfortunately no company used this system yet.

In spite of the idea of implementation a remote control is suitable with far distance in Sudan, scheduling and monitored situation of the LCD publicity in temperate, humidity and the LCD display is idle or not idle, view information about the LCD's. Thus, this will increase safety as well as speed of operation in times of failure or damage so by replacing the traditional remotes, it will decrease human effort and will save a lot of time and cost.

It hope this thesis can serve as a starting point to enter this system in Sudan in many ways.

It is possible to prove the display in many ways:

- ✚ Using outdoor LCDs.
- ✚ Increase the number of display units.
- ✚ Using display units in any location even if in far location.
- ✚ Prove the program to have a big commercial advertisements display.