

CHAPTER 5

CONCLUSION

5.1 Summary

The objectives of the project are successfully achieved. The main objectives of this project are to provide security for the baby to make sure the babies are always safe in the nursery. It is also to improve the baby sitter's working performance with fast action. The security provides by the system will ensure the baby is safe and the most importance is patents will not be anxious leaving their babies at the nursery.

The Baby Monitoring System in Nursery is the project that consist two main elements which is hardware and software implementation. Both of the elements will communicate by using parallel port interfacing. Parallel port is the easiest method to allow communication between the computer and the external circuit. This low cost PC based project is easy to built and use. This project is applied first at the prototype of the nursery to prove the project can successfully function as planned.

As a conclusion, this Baby Monitoring System in Nursery is the system that very useful in the nursery. Even though it is just the low cost PC based project, it can provide the security for the babies in the nursery. It will help the baby sitter to keep an extra eye on the babies in the nursery.

5.2 Recommendation for Future Project

Even though this project was successfully achieved based on the project objective, the project is also need an improvement for future work. This will allows the project outcome to achieve better and valuable project for future needed. Based on the system, there are many improvements that can be done to make sure the system is more useful and easy to use in the future. By applying the system in the nursery, camera can be added to make sure the baby is more protected. Adding the camera will ensure the baby sitter can monitor the baby's movement all the time at the nursery.

For future planning, this system not only can apply at the nursery. This system provides a security for the user. So, it can be used at anywhere as long as security is needed. For an example this system can be used at the office in the building. It will more effective if the system apply at night in the office. This system will be activated by the security officer when night falls. This is to avoid the intruder entering the office at night to steal something valuable or any important document at the office. This system will detect the intruder and an alarm will alert. In addition, when the system is detecting the intruder, the door at the office that detect will automatically be close.

This system can also be applied at home especially for the big house. It will monitor the situation at home. Same as nursery, it will detect the baby if the baby is out of safety area. The system will detect the baby then will display the situation and an alarm will alert the parent at home. This system can also be used at night. It can be used to detect the intruder that wants to rob the house. The sensor will detect the intruder and an alarm will alert the owners of the house.

The system is capable to be use for other application that suitable for the user need. In the future there will be more security product in the market that provides the security system for the user. It is important that the product is up to date and provide maximum security for the user.

5.3 Commercialization Potential

The Baby Monitoring System in Nursery is the product that will provide the security for the babies in the nursery. Nowadays security is the most important factor in our live. All human being need to be protected especially the babies that know nothing for the time being. So, it is a duty for the organization or anybody to take the responsible to ensure the security is always there at all the time. The idea is to provide the security for the babies and at this time not all the nursery is provided with the security system like this. This system is very useful and applicable to apply at the nursery.

There are also have security system provided by the manufacturer in the market but the system is not same with the project that has build here. This system provides the security to access the system. The user needs to sign in their ID with the password to allow them to access the system. This will prevent the unauthorized person to use the system.

The main reason why the consumer does not want to switch to other product is the cost. Here, the product is cost effective. It is low in cost compared to the product that already exists in the market. So, it is no reason at all why the consumer inability to get this product.

The Baby Monitoring System in Nursery not only providing security for the babies in the nursery but it is also give the nursery an additional advantage that can be use as database where all the details information about the babies and baby sitter is in here.

This system is totally different with the existing project in the market. The computer screen will display the normal situation at the nursery when the baby in the nursery is safe. If the baby in the nursery is out of safety area, the computer screen will display the information in the nursery by blinking the indicator and an alarm will alert. This system is totally beneficial enough for the consumers if there can switch to this system.