CONCLUSION AND RECOMMENDATION

From the time that Apollo Guidance Computer was invented, significant changes happened which led us to an easier-living lifestyle. The process of embedded systems takes more than several years to become more prominent and revolutionized in today's generation and society. Embedded Systems are capable of offering reliability and enabling machines with a computerized system that is designed to perform a specific set of tasks or operations. Also, it functions within a more extensive system. Embedded Systems play a significant role in the world where it offers entertainment and auspicious ways to help humanity by creating devices where it contains the needs and wants of a person. From a guiding computer to beyond, these are only the proof of effective embedded systems from just one device to worldly devices. Nowadays, as embedded systems are improving and continuously becoming more prominent and more efficient to use. Almost all countries developed as well as our country which is the Philippines. Also, embedded systems training courses here are expanding which hones individuals to improve and have an advanced knowledge prior to the embedded systems in a larger and more efficient way.

This aims to give enlightenment where future research could further observe the improvements of the system of embedded. It also provides a deeper understanding of the revolutionized machines suitable for economical and worldly measurements. Given the several functions and amenities combined with the development and modernization of Embedded Systems in different courses. It is crucial for people to further improve the components of embedded systems, here are some possible recommendations.

1. Improve flexibility for running applications over embedded systems
    - Implanted frameworks must deal with heterogeneous devices and adapt to different systems administration structures in light of the growing popularity of connected devices if they are to keep up with new functions and exhibits in the current environment.

2. Secured Embedded Systems Design
    - Designs usually struggle to ensure the security of these implanted pieces since they all operate in extremely resource-constrained and seriously unreliable conditions. To be effective, these frameworks need to be organized and implemented, and they also need to be safe using security techniques and cryptographic algorithms.

3. High Power Efficiency of Embedded System
    - To deliver an embedded system with a sufficient power usage ratio and a growing number of transistors is a recurring difficulty.

4. Reduced Cost
    - From the development to the deployment cycle, there is a greater requirement to address cost demonstrating or cost optimality with computerized electronic components and production volume. In order to ensure that the product reaches the market on time, there are also issues with design time and time-to-market.

Embedded systems evolve over time by improving their adaptability in today's generation computers' hardware and software. Also, by giving its benefits to enlighten everybody that embedded systems are all around us. The demand for more complex embedded systems will rise as technology develops, fostering invention and new applications. As a whole, embedded systems are a crucial component of modern-day technology and will continue to be an important field of study in years to come.