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# THE IMPORTANCE OF USING SMART DEVICES

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## THE IMPORTANCE OF USING SMART DEVICES

### ABSTRACT

The revolution in science and technology has brought about many opportunities for mankind to use technology in everyday life and find solutions to various problems. Over the years, we have created and discovered various tools, machines, and smart devices that make our lives easier and allow us to achieve our goals in different fields. The connectivity of these smart devices has allowed people to connect with each other, as well as their homes, cars, and other devices, for many practical reasons.

This paper focuses on the importance of using smart devices in our daily lives, as they have become an essential part of our activities. The increasing use of smart devices has led to the development of smart homes, buildings, schools, governments, health systems, security systems, smart cities, and perhaps even smart countries and a smart world in the future.

The connectivity of smart devices is critical for our society and education, as it enables us to create a smart society where people can be successful in their chosen fields of work or study. Smart devices can contribute to the success of students, professors, businesspeople, and politicians alike by helping them make informed decisions and operate more accurately and precisely in their respective fields.

In summary, the evolution of smart technology has been instrumental in making our lives easier and more efficient, and its benefits are manifold. It is up to us to make the most of this technology and use it to build a better future for ourselves and the generations to come.

**Keywords:** *science and technology, tools, machines, smart devices, society*

### 1 INTRODUCTION

The prevalence of smart devices in our everyday lives has greatly improved our efficiency and overall intelligence, provided they are used smartly and for educational purposes. In today's society, we are heavily reliant on smart devices to stay connected to the virtual world, communicate, and learn about the world around us. Without them, it would be difficult to stay up to date or improve our knowledge and skills in various fields. Smart devices have also revolutionized the way companies and organizations operate, enabling them to conduct business remotely and save time and money. However, the rise of smart devices has also made them vulnerable to hacking, viruses, and malware, making it crucial to protect personal information and be cautious when using them.

Fortunately, the security measures of smart devices have been improving, making them safer to use. This has enabled people to communicate and share personal information more freely, without fear of harm. The technological advancements of smart devices have also enabled individuals to explore and collect important information from various fields and subjects, helping them achieve their goals in education, government, security, medical systems, and other crucial sectors. It is essential for every country to embrace and utilize smart devices in every field of their companies and organizations to achieve their set

goals and improve their planning strategies and processes. This can lead to better economies, educational systems, and security systems, benefiting both the country and the people living within it.

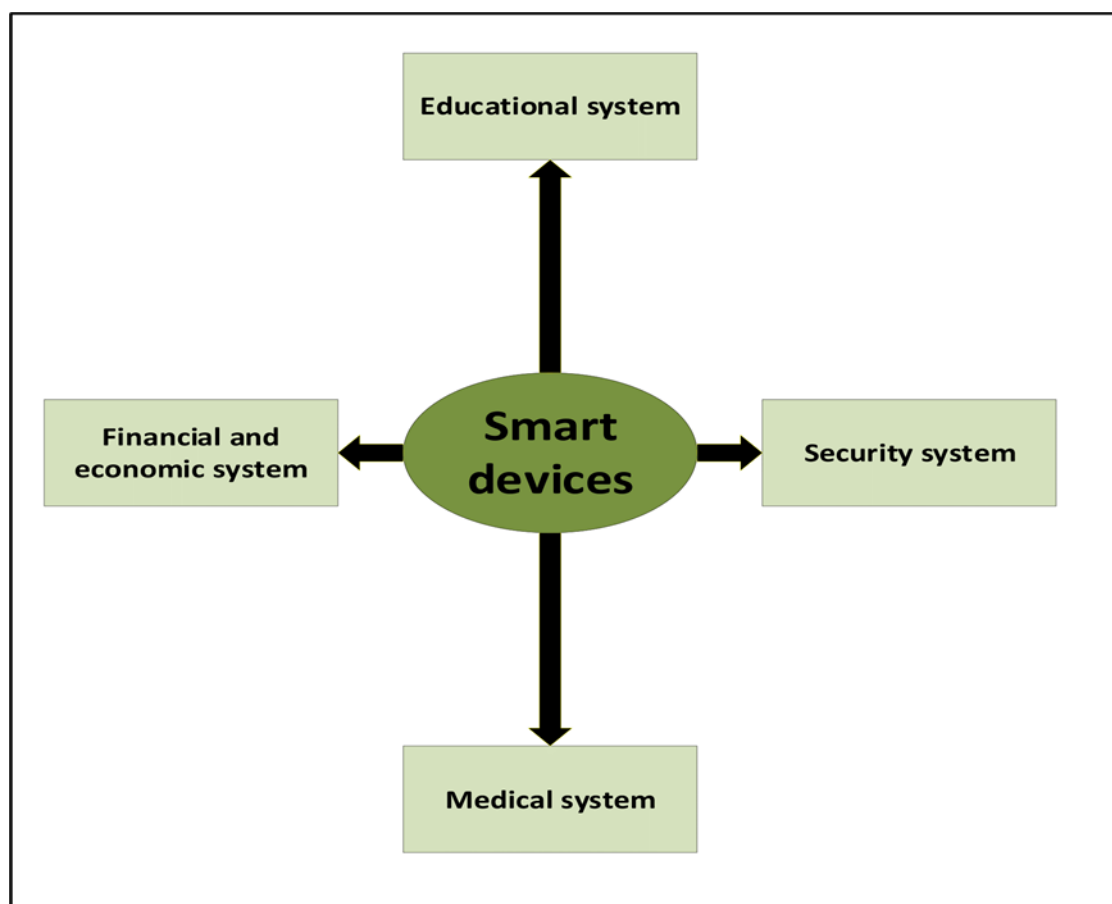


Figure 1 - Connectivity of smart devices with different systems

## 1.1 Educational system

The development of technology has significantly contributed to the success of students, professors, and teaching staff in solving real-life problems and achieving their goals. It is crucial for all countries to have a good educational system to prepare the next generation for the challenges of the world and to equip them with the necessary skills to solve problems. The success of students is directly linked to the economic and financial growth of their countries, which can ultimately lead to a better quality of life for all citizens, especially the youth who are the future of their nations.

To make the learning process more efficient and effective, professors and teaching staff must find innovative ways to incorporate smart devices into their teaching sessions. The use of smart devices in the learning and teaching process can be facilitated by young and dynamic professors who are constantly exploring new ways to keep students engaged and motivated during classes and test periods. We are currently living in an era where smart devices such as smartphones, computers, and smartwatches can be used to quickly search for information that is required at a particular moment. This access to unlimited information is helping the younger generation to become more knowledgeable, improve their skills, and share information with each other, all of which are crucial for their success in school and beyond [1].

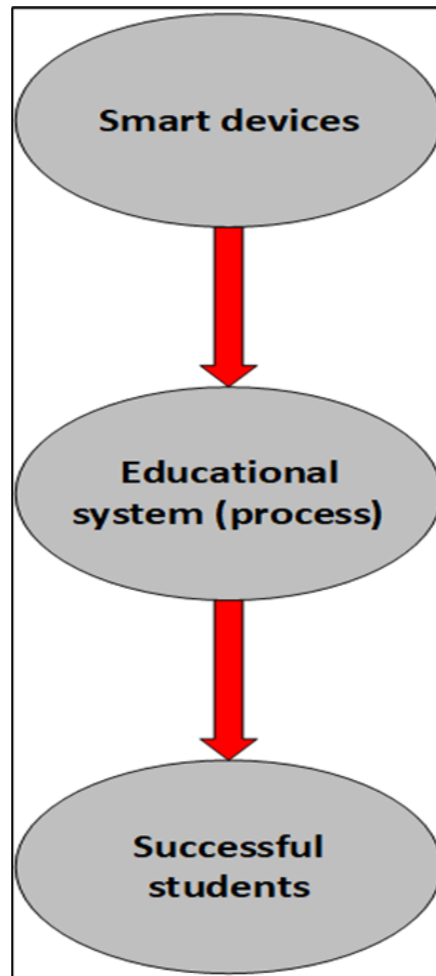


Figure 2 - Benefits of smart devices implemented in the educational system

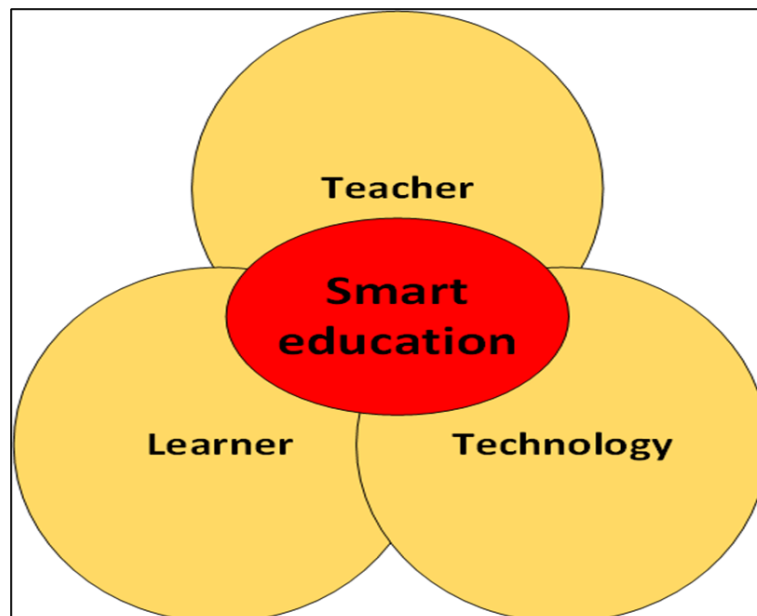


Figure 3 - The benefits of smart education

## 1.2 Security system

Security is paramount for both individuals and nations worldwide. Governments are constantly seeking innovative ways to improve security, including the implementation of advanced technologies or smart devices to enhance security measures and protect sensitive information. In today's digital age, however, achieving optimal security is challenging, given that numerous countries and individuals possess the latest technology and internet access, leaving them vulnerable to risks such as viruses and malware.

Individuals must adopt various methods to safeguard their data and maintain a high level of security for their communications and interactions. A safer country with secure citizens and information will lead to improved life conditions and greater peace of mind for everyone. Countries should continue to explore innovative ways of safeguarding their citizens' well-being, including providing protection against cyber threats.

When discussing security, it is essential to consider protecting personal property and belongings from theft or damage. The use of smart devices can enhance security measures and prevent unauthorized access to personal belongings. With smart devices, individuals can monitor their property from a distance and maintain a sense of security even when not physically present. This approach not only saves time, money, and resources, but it also enhances security and peace of mind [2][3].

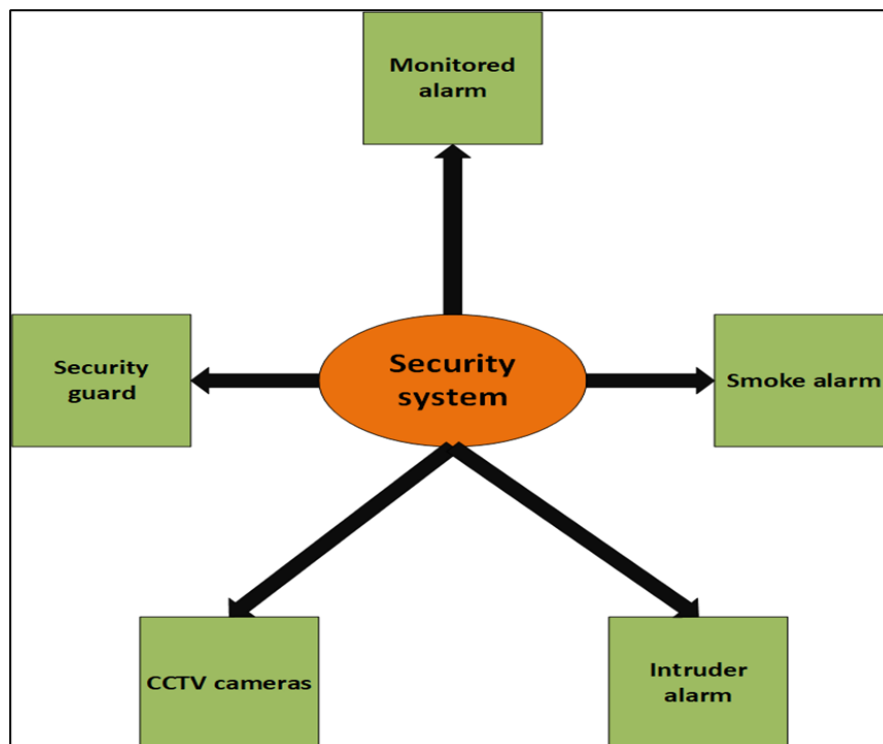


Figure 4 - Smart devices used for security purposes

## 1.3 Medical system

Health is of utmost importance for people all around the world, as they are irreplaceable. Although devices or other things can be replaced, a person's life cannot. Technology has revolutionized the medical field by providing various opportunities to save lives through the use of smart devices. Smart devices have enabled medical professionals to prevent diseases, successfully operate on patients, and give them a healthy and happy life. The implementation of smart devices in the medical field has led to the development of successful medical systems, which are crucial for all countries to maintain the well-being and health of their citizens. [4]

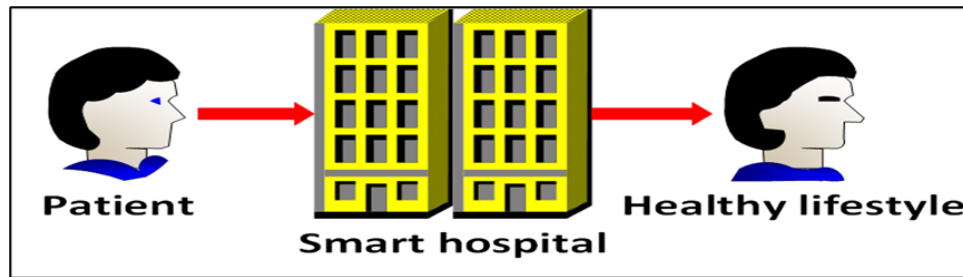


Figure 5 - Benefits of smart devices used for medical purposes

## 1.4 Financial and economic system

We can't imagine anything that isn't tied to finance and the economy because it is the most crucial factor that increases the power, stability, and security of a country, organization, or company. The benefits that smart devices can offer to finance and the economy are that they can quickly perform different mathematical operations and provide results, allowing important decisions to be made. The proper implementation of smart devices can control the increase or decrease of finance and the economy in a country or company, meaning that we have control over what is happening at all times and the possibility to take action in time if something doesn't go as planned. The implementation should be present in all strategic layers of the country to maintain economic stability, which is an important measure of a country's power compared to others [1-4].

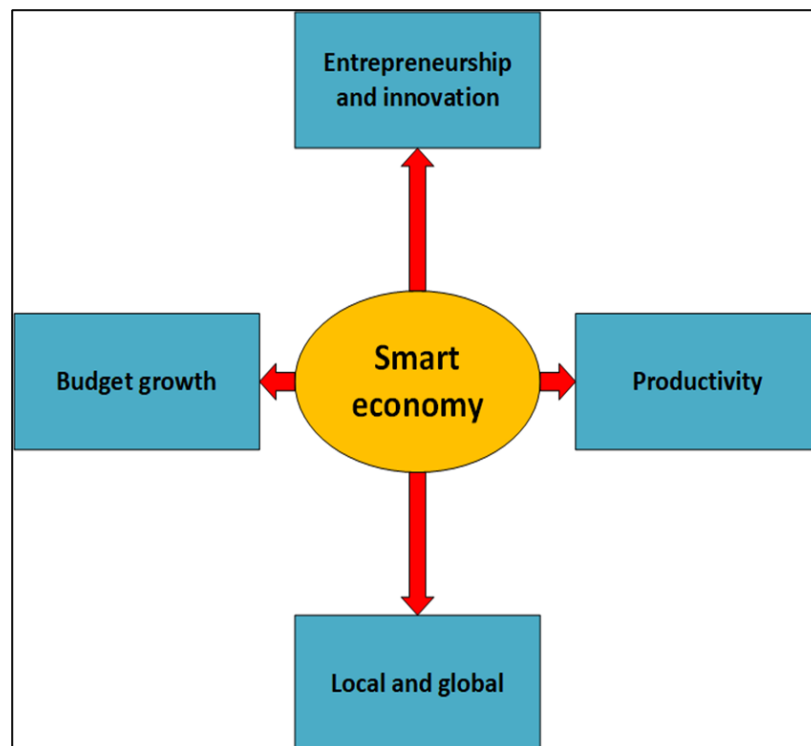


Figure 6. The importance of smart devices in economy

## 2 THE BENEFITS AND EFFECTS OF SMART DEVICES

The use of smart devices in this century has revolutionized our daily lives, providing us with new skills, abilities, and ways of living. With everyday use of these devices, we enjoy improved safety and quality of life, and stay in touch with the latest information in our communities. Some of the key benefits of