

REFERENCES

Books and journals

Alam, T. and Benaïda, M., 2018. CICS: cloud–internet communication security framework for the internet of smart devices. *Tanweer Alam. Mohamed Benaïda." CICS: Cloud–Internet Communication Security Framework for the Internet of Smart Devices."*, *International Journal of Interactive Mobile Technologies (iJIM)*. 12(6).

SUMMARY: This particular source has imparted the knowledge on how different communication devices are using the software to enable cloud computing which can connect different devices. As it makes the smart electronic devices function in significant way to communicate with other devices and people as well.

Davydov, G. V. and et.al., 2019, June. Universal Hardware-Software System for Exchanging Data with Electronic Sensors. In *2019 8th Mediterranean Conference on Embedded Computing (MECO)* (pp. 1-4). IEEE.

SUMMARY: this source of information has enlightened that software can not exist without the hardware, which mean software and hardware are of no use in independent way. Various function like exchange of information and data is enabled the computers and mobile via use of software.

Erbsen, A. and et.al., 2021, June. Integration verification across software and hardware for a simple embedded system. In *Proceedings of the 42nd ACM SIGPLAN International Conference on Programming Language Design and Implementation* (pp. 604-619).

SUMMARY: this source states that there is a comprehensive use of programming languages which decides the connection between devices, as electronic devices are being used by the users to enable the software services like media players etc.

Zeng, Q. and Duan, Q., 2019, July. A study on integrated design process of software and hardware interfaces for automotive human-machine interaction. In *International Conference on Human-Computer Interaction* (pp. 105-123). Springer, Cham.

SUMMARY: as per this source, data science which has enabled the artificial intelligence is being installed in the electronic devices such as camera, scanners and printers which significantly enhanced the use of electronic media.

Zheng, Q. and et.al., 2021. Self-powered cardiovascular electronic devices and systems. *Nature Reviews Cardiology*. 18(1). pp.7-21.

SUMMARY: this sources has illustrated that medical field is highly advanced which is using the different electronic devices which are embedded with the software as they help in surgeries and navigating the practitioners while treating the patients. This has proved to be a significant integration which is helping electronic medical devices to enhance the performance.

Online references

Software Hardware Integration 2022. [Online]. Available through
<http://avantecodeworx.com/Software_Hardware_Integration.html>

system integration2022. [online]. Available through
<<https://www.indiamart.com/proddetail/system-integration-software-2612233355.html>>

SUMMARY: these 2 source has been the inspiration behind taking the images, as these images act as the visual representation of how different electronic devices are connected to each other via the software and digital resources. There is a comprehensive way which establishes a close connection among these devices in terms of reachability, communication, exchange of information etc. as the system integration and software integration is very useful in modern ear where an individual uses different electronic gadgets and devices for the smooth life.