**DESIGN AND IMPLEMENTATION OF DATABASE COMMUNICATION INTERFACE BETWEEN EMBEDDED SYSTEMS AND COMPUTER SYSTEMS**

**BY**

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**ABSTRACT**

Embedded systems on their own are fascinating and interesting devices with the ability to do a lot and reprogrammed to do even more, but with evolution they are being used in environments where technical know-how is close to none or zero, and this limits their use since not everybody can control and reprogram the board directly. To overcome this lapse and extend its environments of utilization, a means to ease control of the embedded systems functions is needed so it could be integrated in any environment. This study aims to deliver a system that eases the control of embedded systems through the use of an interface. This is achieved through the review of related works on the subject, other forms of interfacing and their limitations, with these the implementation ofan RFID access control system and a body mass index (BMI) system interfaced via a USB connector to a host pc is carried out, using Arduino microcontrollers to create embedded systems for access control and body mass measurement, and utilizes python code to design a web interface hosted on the PC from which database manipulation and embedded system administration is carried out . The system will eliminate the difficulty faced by tech savvy and non tech savvy individuals, removing the need to directly manipulate the embedded systems code or hardware when operations are to be carried out.

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Hi Flash,

Good morning, As I explained earlier I am currently wrapping my final projects and I have some complications with my supervisor, which might delay my rate of processing tasks, I have been trying to solve these complications while working considering the amount of tasks on the board but it’s a bit of a stretch as I have to spend more time in school, it was easier with exams, as all I had to do was read, but with this ,my supervisor keeps adding new things we didn’t agree in the beginning .

I am hoping, If i could get next week 2nd-August to 11th August to sought out these complications, I very sorry for the inconveniences especially delay in tasks.

Thank you for your consideration.