Abstract

Of late online Data transmission and reception, has become the need of the day. Online Transaction Processing (OLTP) applications are client/server applications. They provide direct access to the user. The existing system servers used for small applications are bulky, expensive and consume more power. The current work focuses on the methods to overcome some of these shortcomings. The proposed work is an embedded system with ARM processor as core (S3C2440). It provides complete communication interface which is very essential to the development of OLTP applications. Embedded Linux is chosen as operating system with an option of Ethernet or GSM as the communication media. Online Transaction processing system has the advantages of low cost, high compactness and high performance.

References

- Samsung. S3C2440A 32Bit CMOS Microcontroller User&amp;aapos;s Manual [Z]. Samsung Electronics Corp.

Index Terms
Keywords
Oltp  Arm9 Mini 2440 And S3c2440al.