

ABSTRACT

With this *smartcard* technology, for all online system, the transaction authorization is connected to a centralized database control system and the authorization is done in an electronic form.

Because a smart card can include very precise access information to protect privacy and data security such as the user's login password and other user specific information. With the use of a smart card, the user does not have to remember passwords for different applications because all the passwords can be stored on a single card. Furthermore, the smart card is easily portable, it could be used for both online and offline payment.

The development of this *prototype* is used to access the *internet* and online *payment* by mean of *smartcard*. The use of *smartcard* aims to facilitate controlling *internet* user

This prototype will be implemented Borland Delphi 5.0 for Application programming and Microsoft Access 2000 for the database

Keywords : smartcard, prototype, internet, payment.