

UCSI UNIVERSITY

GRAPHICAL PASSWORDS RESISTANT TO SHOULDER SURFING

BY

VAHID SALEM

1000819138

FACULTY OF MANAGEMENT & INFORMATION TECHNOLOGY

COMPUTING

UCSI UNIVERSITY

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Abstract

Almost all people use alphanumeric password as authentication method to access the systems, this method is a most common authentication method which user uses alphanumeric username and password to authorize the systems. Users would like to choose the password which is easy to remember rather than use high secure password (junk password) which contain numbers and alphabets. Junk password is more secure but it's not easy to remember. To overcome the problem of textual passwords, visual or graphical password schemes have been developed as possible alternative methods to the old authentication process. The main purpose of graphical passwords is to use the pictures or shapes to replace the text, since graphical signs are easier to remember rather than characters or numbers. This project will develop the authentication method that can be applied to any systems; this authentication is a click-based, which user point few piece of image as his/her password.