

# GRAPHICAL PASSWORD SHUFFLING

## Abstract:

Graphical passwords are an alternative authentication method to alphanumeric passwords in which users click on images to authenticate themselves rather than type alphanumeric strings. This research aims to study the usability features of the existing methods. In this paper we study the recognition base graphical password type with the available method from the usability point of view according to previous studies and surveys. Then we match the usability features (General usability features, existing usability features for existing graphical password methods, and ISO usability features) to the existing graphical password methods and make a comparison study between these methods and the usability features. We have found that there is no method has the most important usability features. Thus, by completing this study a set of usability features is suggested to be in one graphical password system. This set includes the easy of use, memorize, creation, learning and satisfaction. Moreover, this work proposes to build a new system of graphical password system.