

Emoji Code – A Graphical Way of Authentication

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***Abstract:** There are many ways to perform the authentication, be it password, image, pattern, security key, security pin, etc. But all these ways are difficult to remember and therefore people tend to choose shorter and easy to remember passwords like name, date of birth, etc. which can be guessed easily. Therefore, to overcome these challenges, we can use a graphical way of authentication which uses emojis as the passcode. These emojis can be arranged in a story-based manner to make it easy to remember the sequence of emoticons.*

Keywords: Graphical Password, Emoji-based Password, Story-based Password, Authentication.

REFERENCES

- [1] EjikeEkeke Kingsley Ugochukwu, and YusmadiJusoh, “A Review on the Graphical User Authentication Algorithm: Recognition-based and Recall-based” in International Journal of Information Processing and Management 4(3):238-252, May 2013.
- [2] Lydia Kraus, Robert Schmidt, Marcel Walch, Florian Schaub, Sebastian Möller., “On the Use of Emojis in Mobile Authentication” in 32th IFIP International Conference on ICT Systems Security and Privacy Protection (SEC), May 2017, Rome, Italy. pp.265-280, 10.1007/978-3-319-58469-0_18 hal-. 01649025.
- [3] Dr. Mohammed A. Fadhil Al-Husainy, and Raghda Ahmed Malih, “Using Emoji Pictures to Strengthen the Immunity of Passwords Against Attackers” in European Scientific Journal October 2015 edition vol.11, No.30 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431.