# Image-Based Authentication Approach

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**Abstract:** *A graphical password is an authentication system that works by having the user select from images, in a specific order, presented in a graphical user interface (GUI). For this reason, the graphical-password approach is called graphical user authentication (GUA). Graphical password schemes have been proposed as a possible alternative to text-based schemes, by the fact that humans can remember pictures better than text; Pictures are generally easier to be remembered or recognized than text. Graphical Password Authentication System provides a promising alternative to traditional alphanumeric passwords. User authentication is a fundamental part of most computer security settings. It provides support for access control and user responsibility. In Graphical Password Authentication System, users can create many points click sequence on a background image. The graphical password is a new technique that is more secure than text-based passwords. In graphical passwords, a sequence of clicks is generated to derive the password.*

**Keywords:** graphical password.

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