

# Scrambler Password

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A dark blue diagonal gradient bar that starts from the bottom left corner and extends towards the top right corner, covering the lower half of the slide.

# What is Scrambler Password?



# Purpose

- A different and potentially more secure method for a user to login to a website
- Users are able to sign up or login
- Users select a provided image that is then separated into 9 squares
- The movement of these squares, the scrambling, is the user's password
- 9! (362880) available password combinations
- Created for web platform environment

# Tech Platform

- Front End:
  - Next.js
  - HTML
  - CSS
- Back End:
  - Next.js
  - Firebase Hosting
  - Firebase Realtime Database

# New User Story Board

## John Clicks Sign Up

Login

Sign Up



## John fills in his information

Name: \_\_\_\_\_

Username: \_\_\_\_\_

Sign Up

## John Selects an Image



Select

## John Scrambles the Image



Set Password

## John Successfully Creates an Account

Account Creation Successful.

# Existing User Story Board

## John Clicks Login

Login Sign Up



## John enters his Username


Username: \_\_\_\_\_

Login



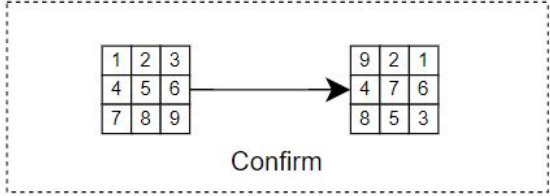
## John Scrambles the Image

1	2	3
4	5	6
7	8	9



9	2	1
4	7	6
8	5	3


Confirm



## John is prompted to retry Scrambler

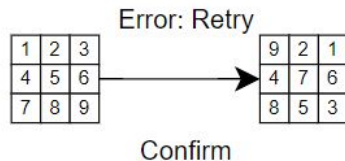
Error: Retry

1	2	3
4	5	6
7	8	9



9	2	1
4	7	6
8	5	3

Confirm



## John Successfully Logs in

Welcome, John.

