



MINDMELD

Interactive Cognitive Performance Tracking System

Agglomeration 1.0

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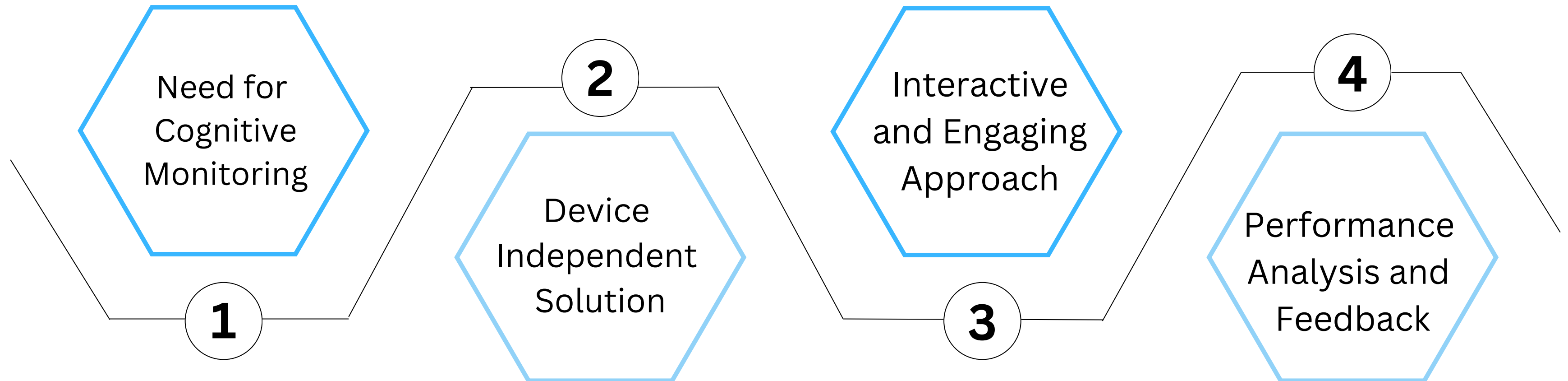
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Problem Statement

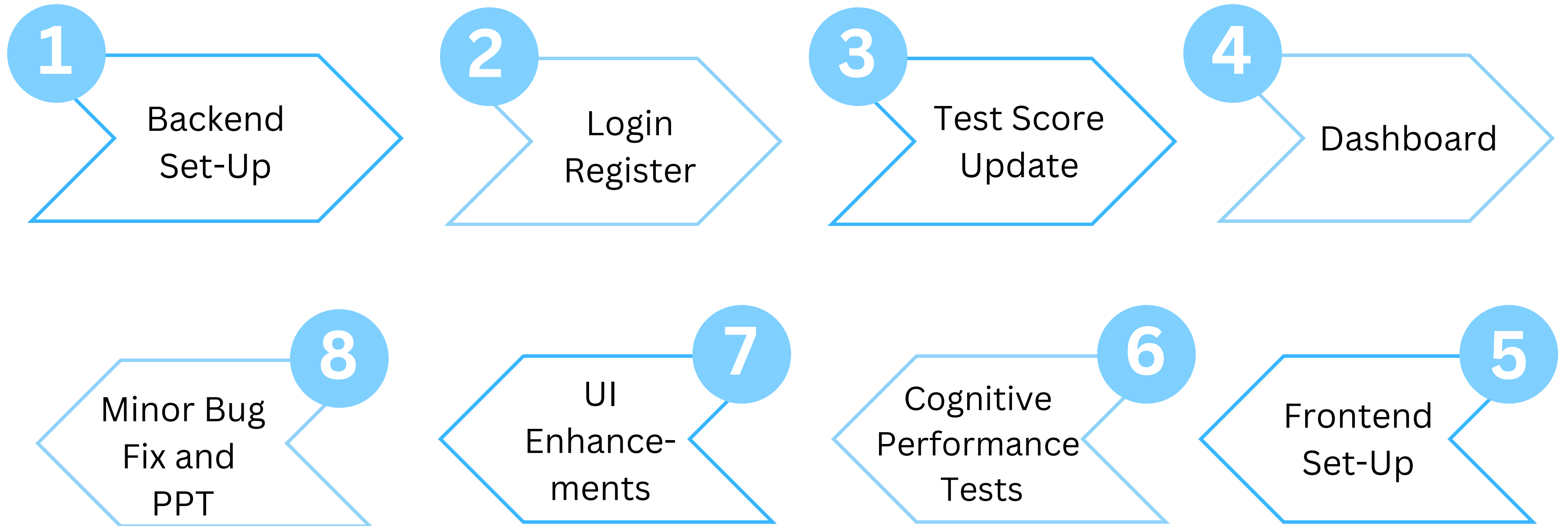




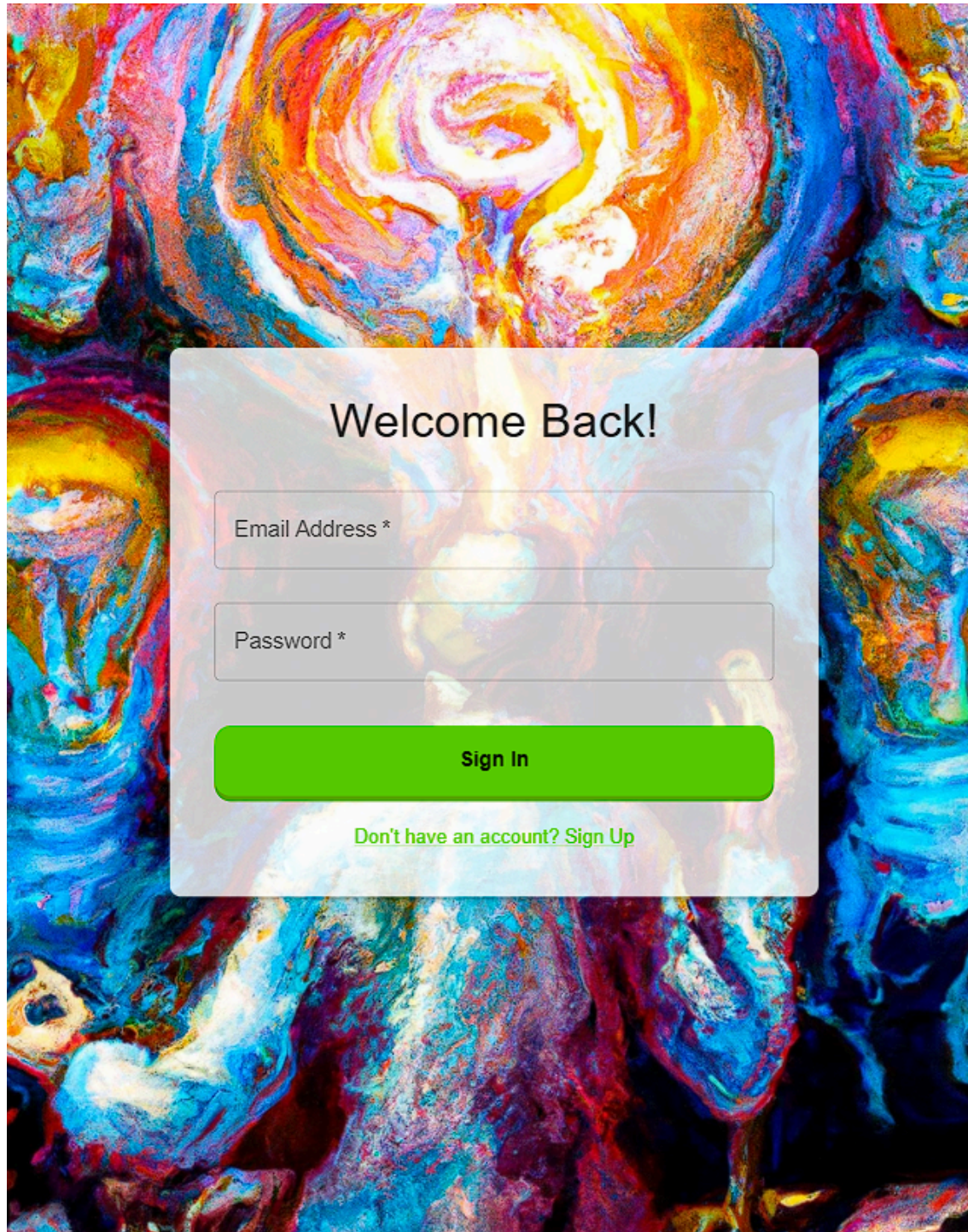
Task Accomplished

- User Registration and Personalization
- Cognitive Performance Tests
- Real-Time Feedback and Progress Tracking
- Personalized Improvement Recommendations
- Gamification and Motivation
- Visualization and Analytics Dashboard

Implementation Journey



Login & Register



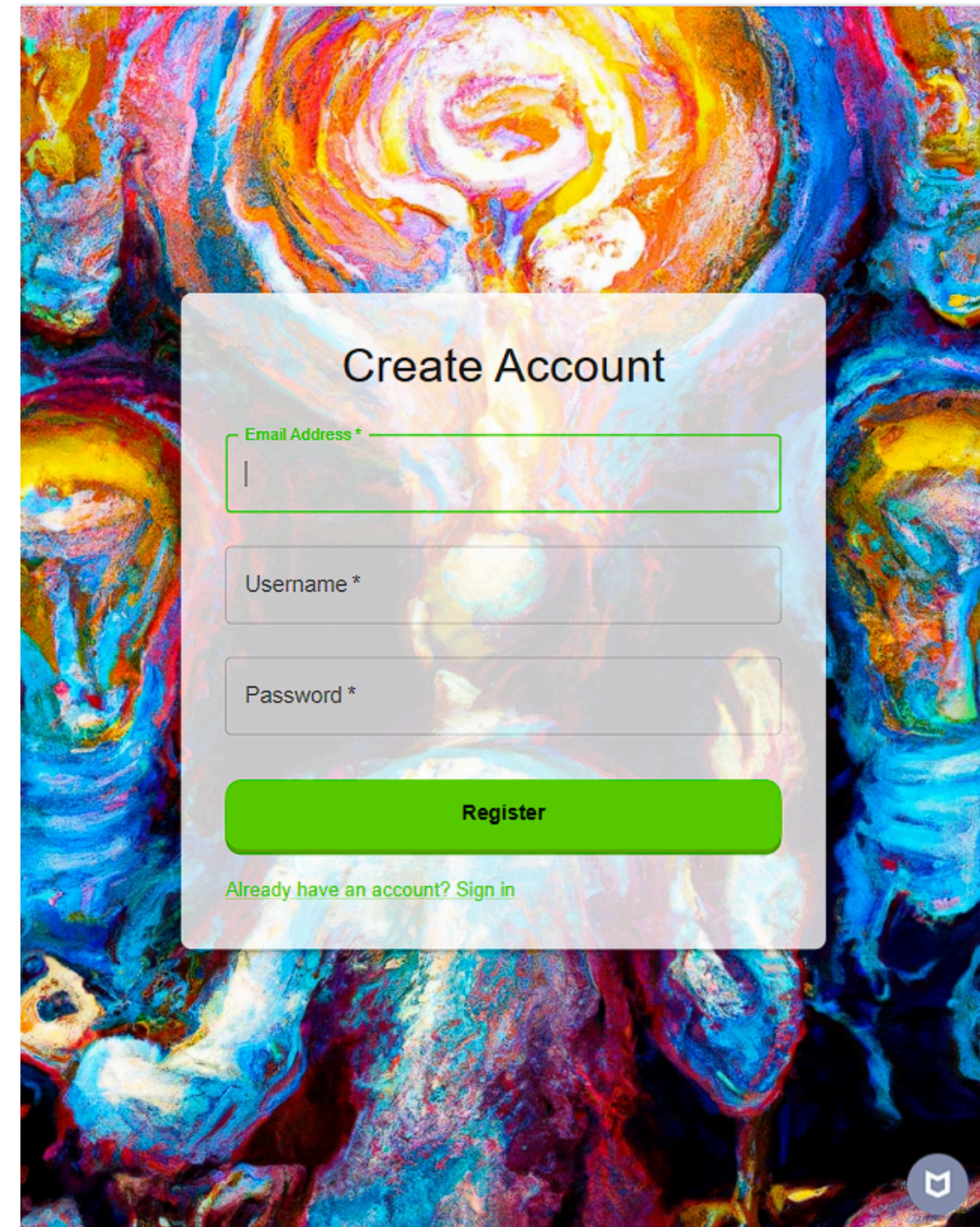
Welcome Back!

Email Address *

Password *

Sign In

[Don't have an account? Sign Up](#)



Create Account


Email Address *

Username *

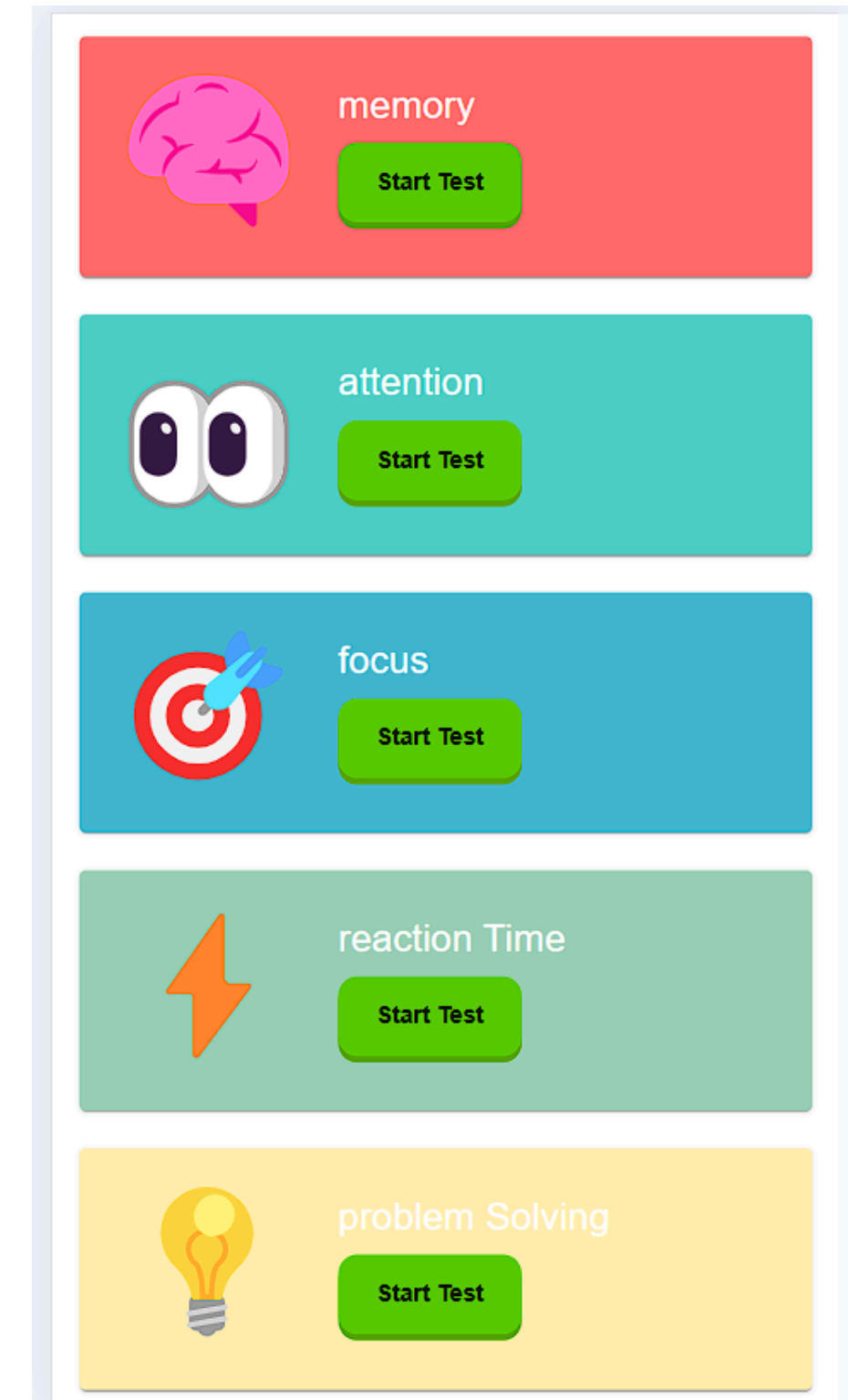
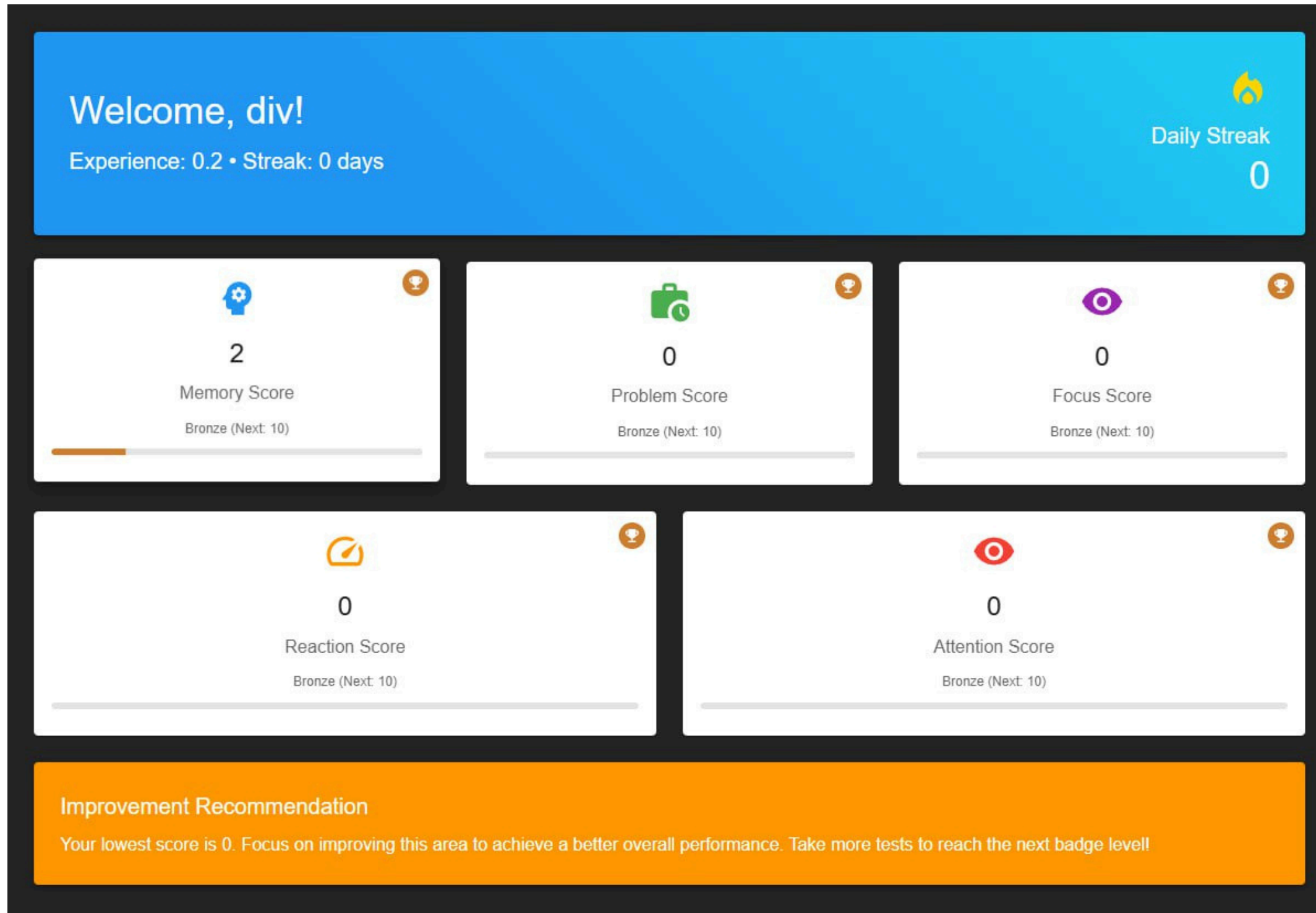
Password *

Register

[Already have an account? Sign in](#)



Dashboard



Memory Test

Memory Test

Memory Challenge

Easy (4 digits)

Score: 0/10

Attempts: 0/10

Time Remaining: 8s

2097 -

6481 -

7205

Memory Test

Memory Challenge

Easy (4 digits)

Score: 0/10

Attempts: 0/10

Number 1

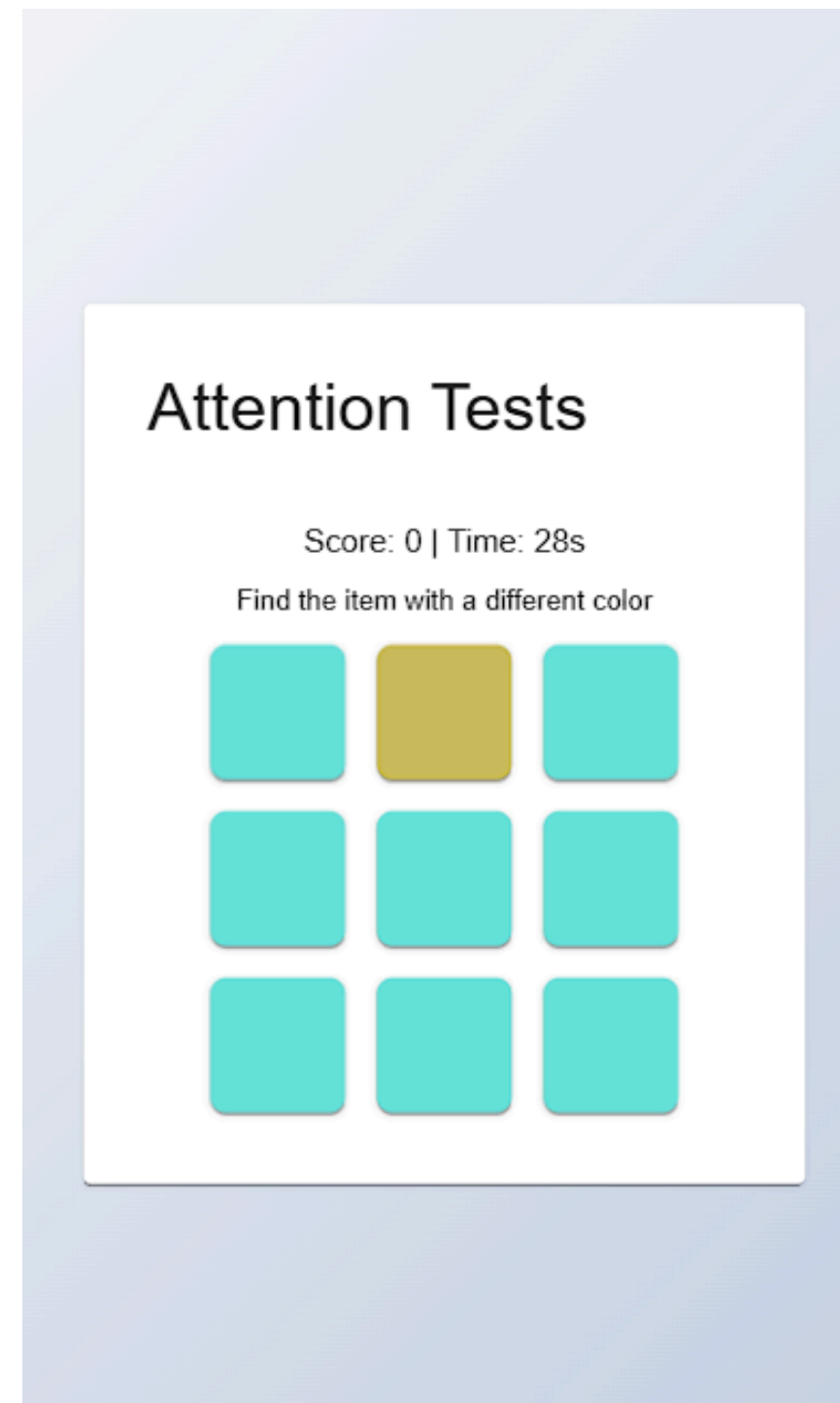
Number 2

Number 3

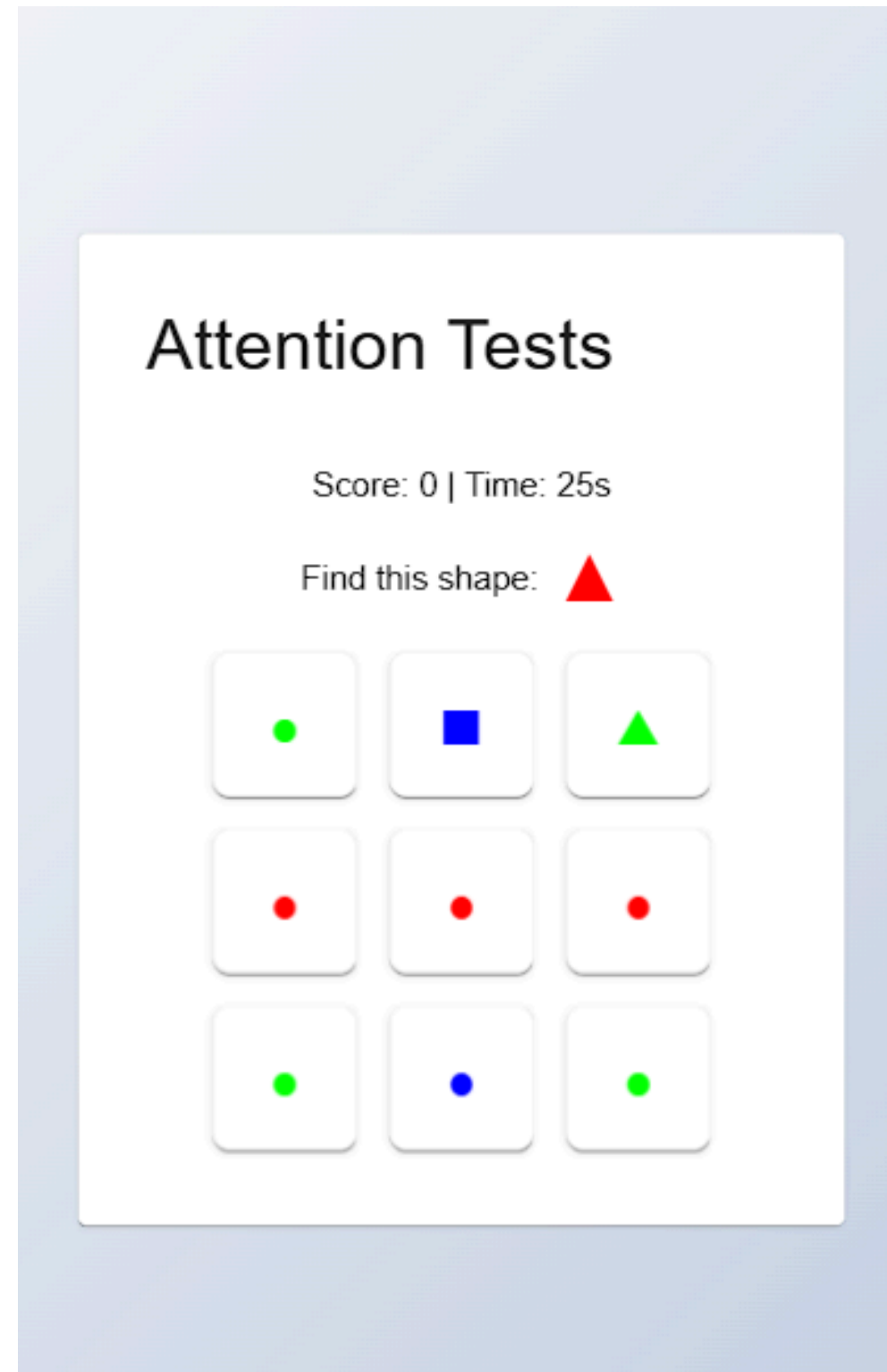
Generate New Sequence

Check Answers

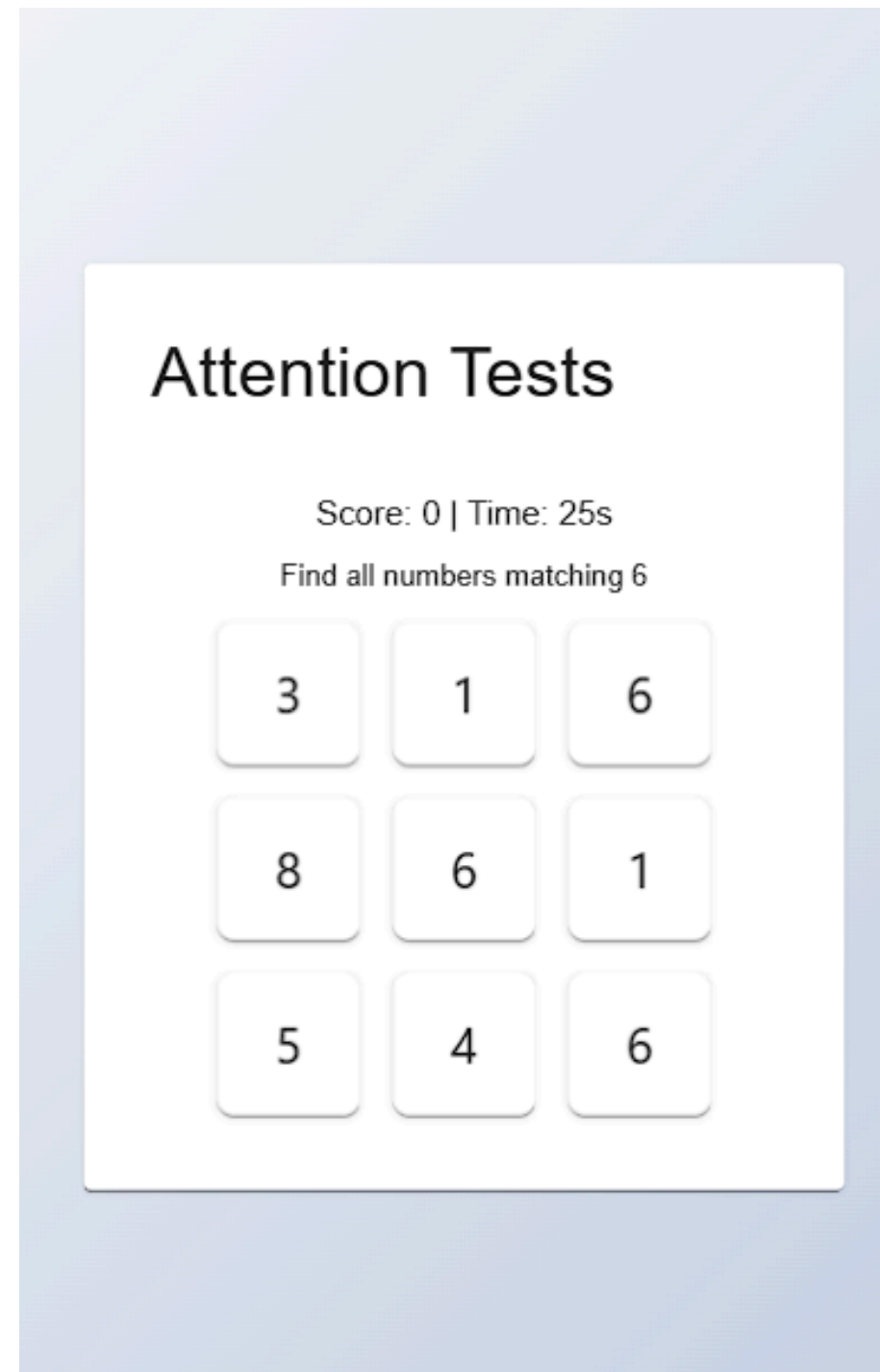
Attention Test: Odd One Out



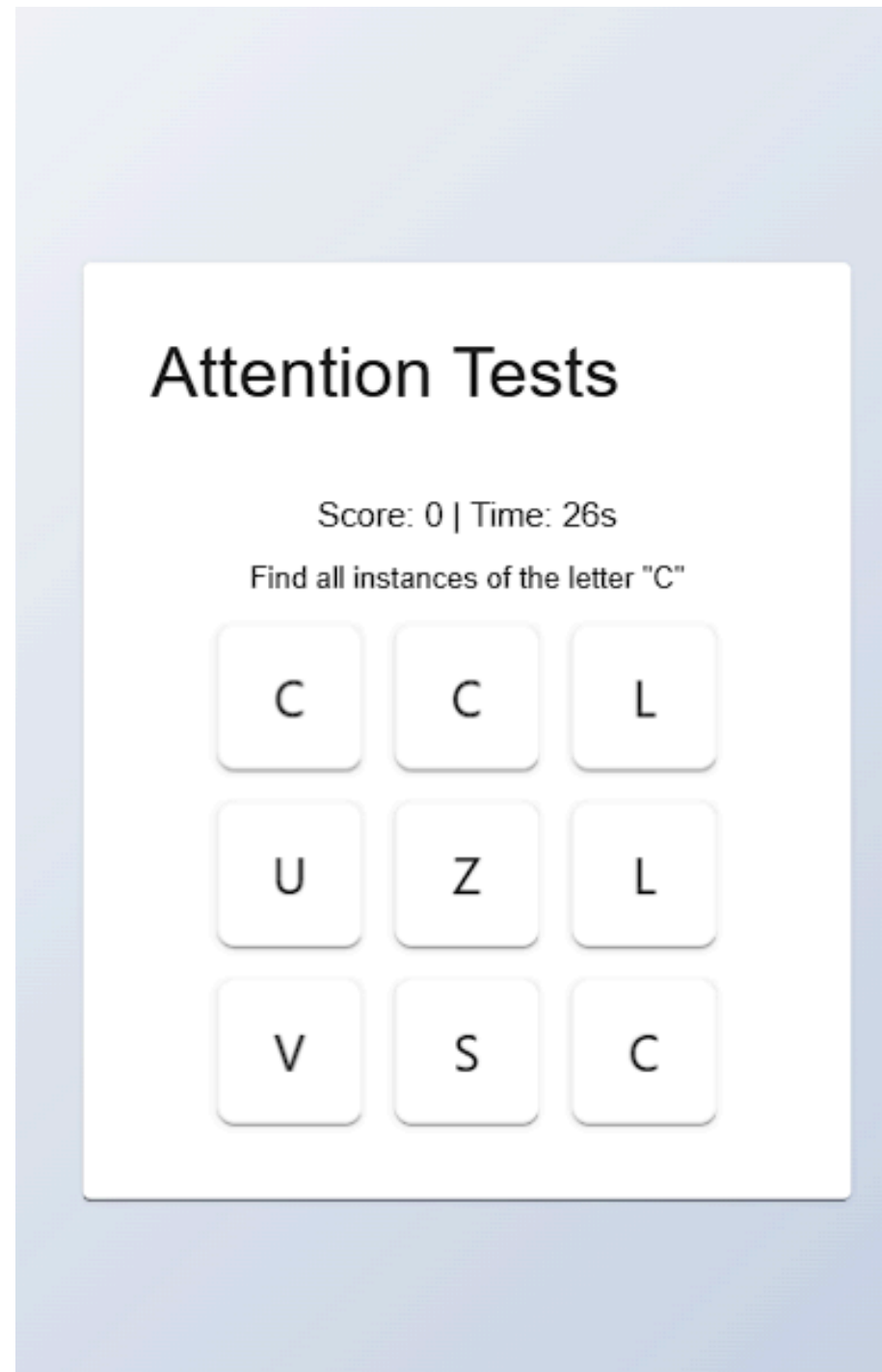
Attention Test: Visual Search



Attention Test: Number Matching

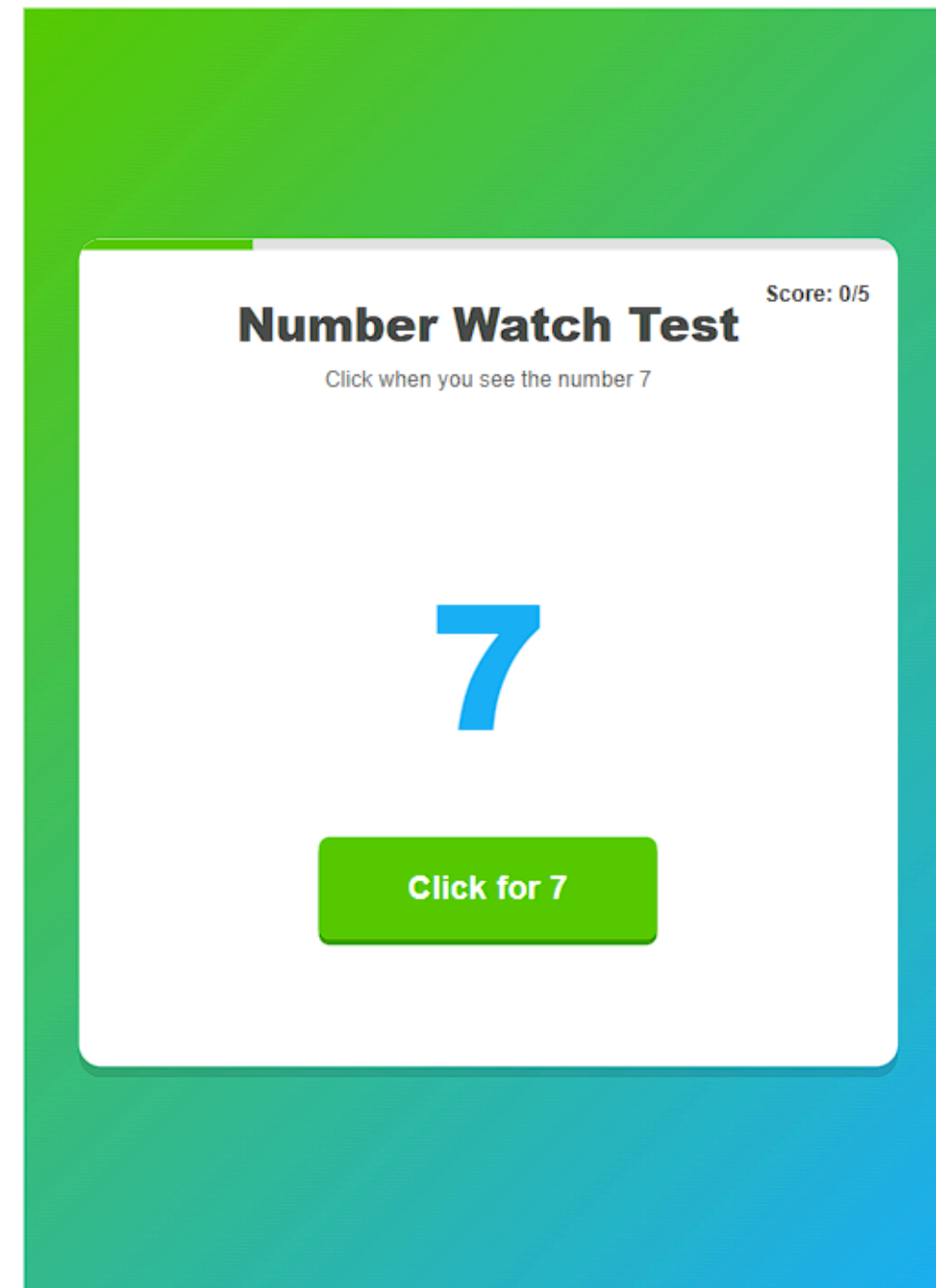


Attention Test: Letter Cancellation



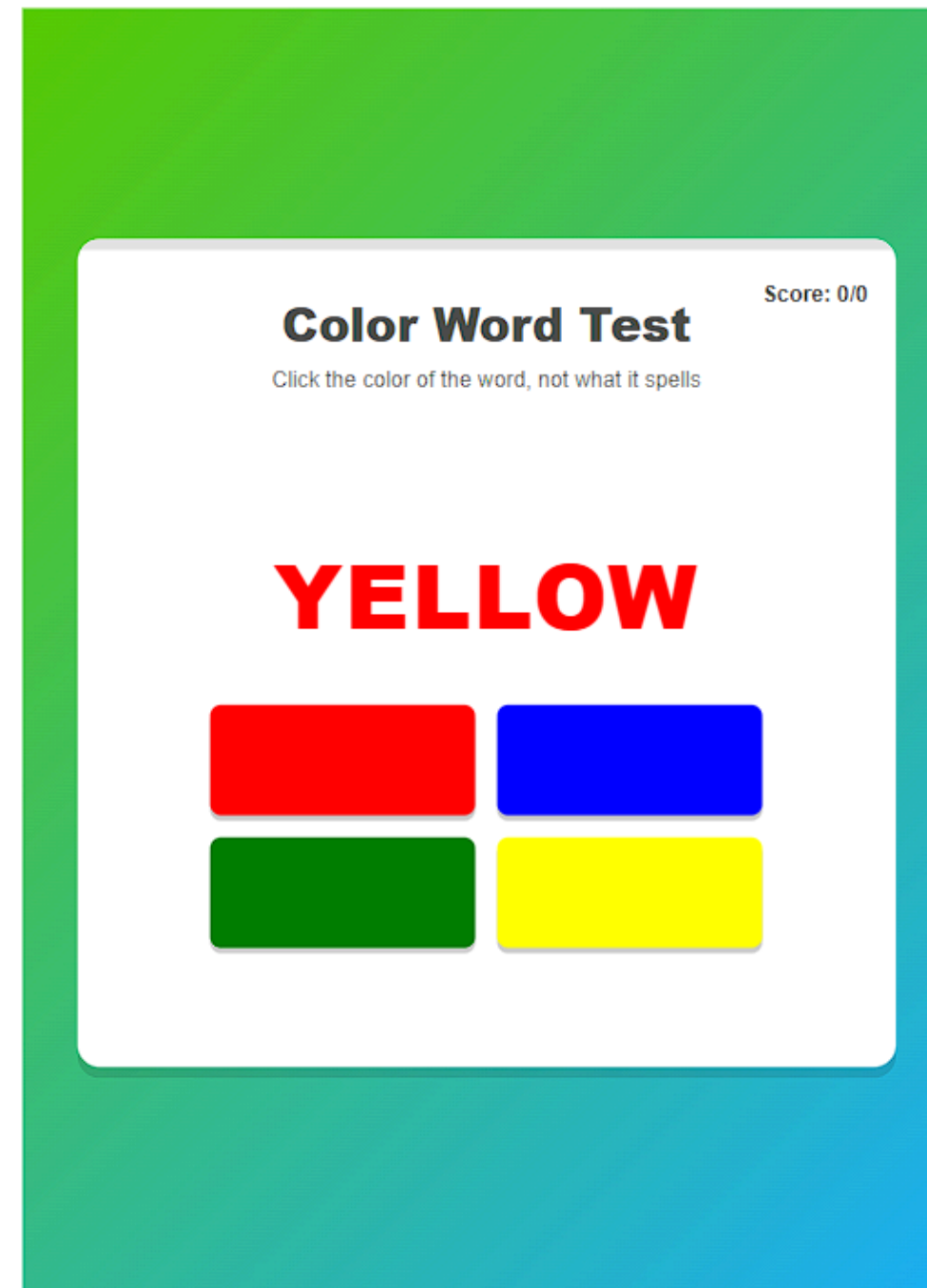
Focus Test: Continuous Attention

Focus Test Suite



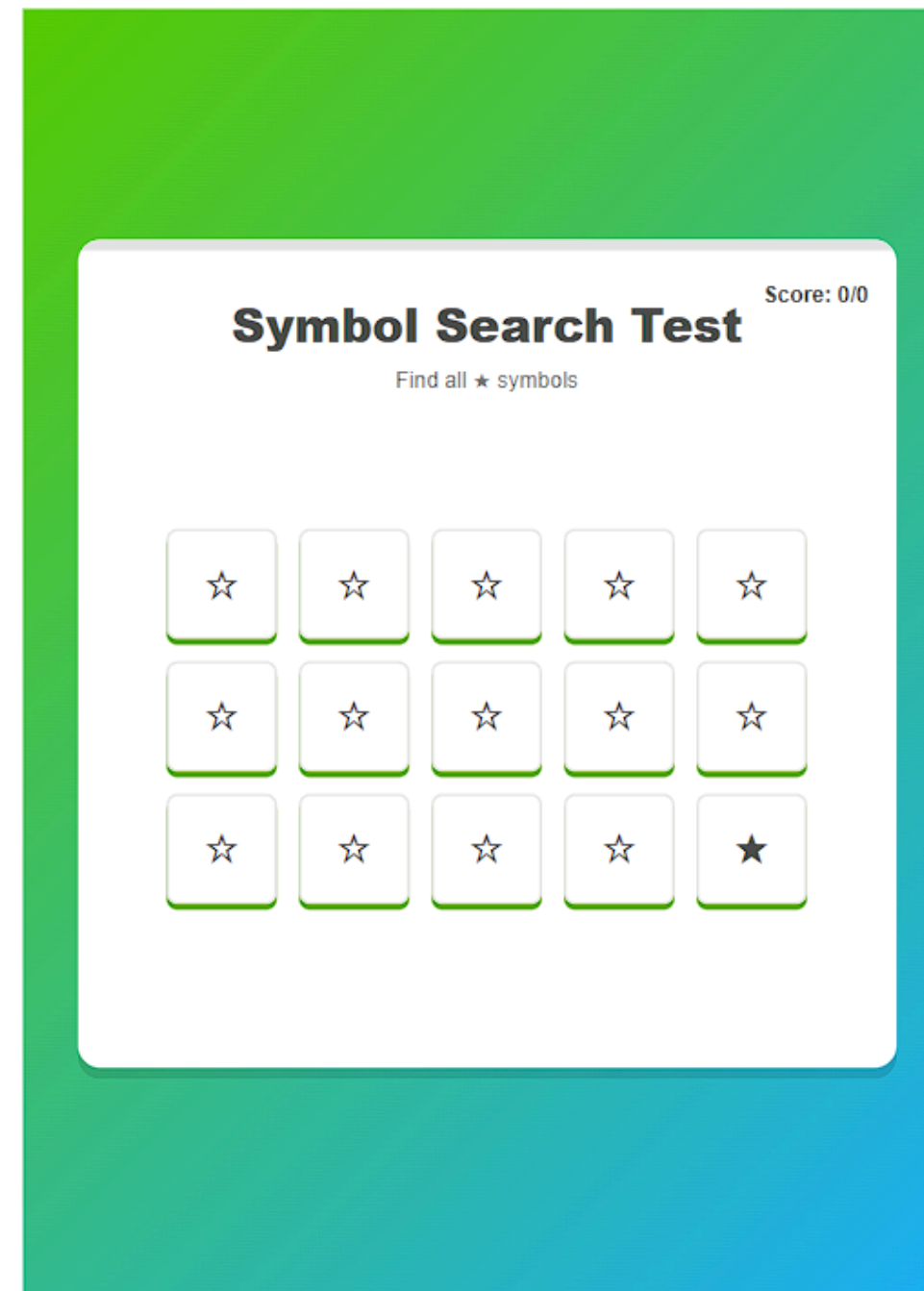
Focus Test: Stroop

Focus Test Suite



Focus Test: Distraction Filter

Focus Test Suite



Focus Test: Reaction

Focus Test Suite



Reaction Time Test: Click Circle Test

Test Your Reaction Speed

Click the circles as quickly as they appear!

Start Test

Reaction Time Test: KeyPress Test

Test Your Keypress Speed

Press the key shown on screen as quickly as possible!

Start Test

A

Round: 1/5

Problem-Solving Test

Problem Test

Score: 0 | Time: 25s

$$39 + 31 = ?$$

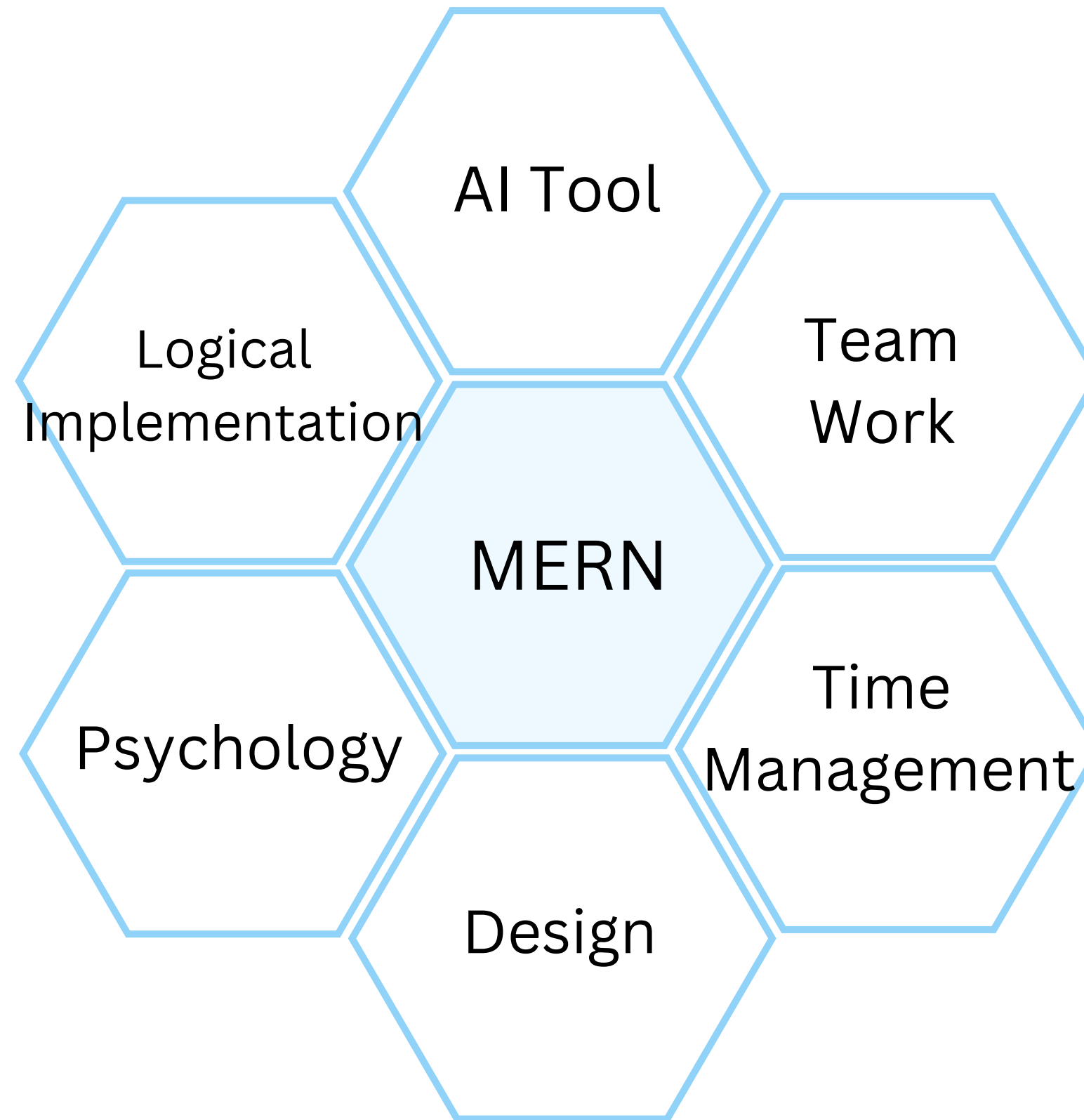
6

173

132

70

Learnings



Demonstration



Thank you!