Shri Vishnu Engineering College for Women(A)::Bhimavaram

Department of Computer Science And Engineering

AUTI VOYAGE

Mini Project 2023-24

3rd CSE-C

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WHAT IS AUTISM?

In kids, autism can cause trouble with communication and social interaction, repetitive behaviors, intense interests, and sensitivity to sensory input. Each child with autism is unique, so these signs can vary widely in how they appear and affect daily life.
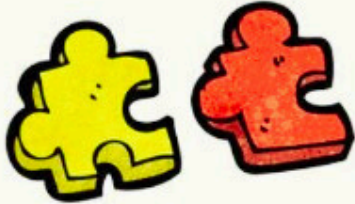
Problems Faced By Autistic Kids

- Communication
- Interaction
- Repetitive Behaviour
- Intense Interests
- Adaptive Skills

DESIGN

AUTI VOYAGE

Jigsaw Puzzle

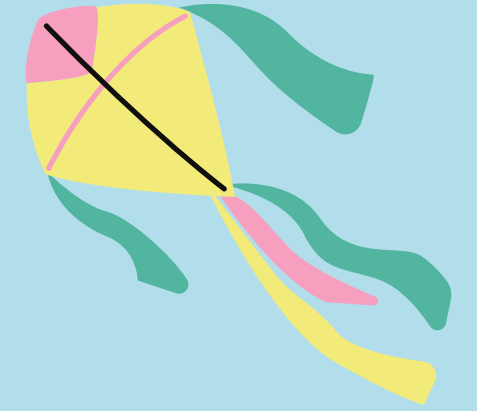Play

Memory Flip

Play

Sliding Puzzle

Play

Trash Sort

Play

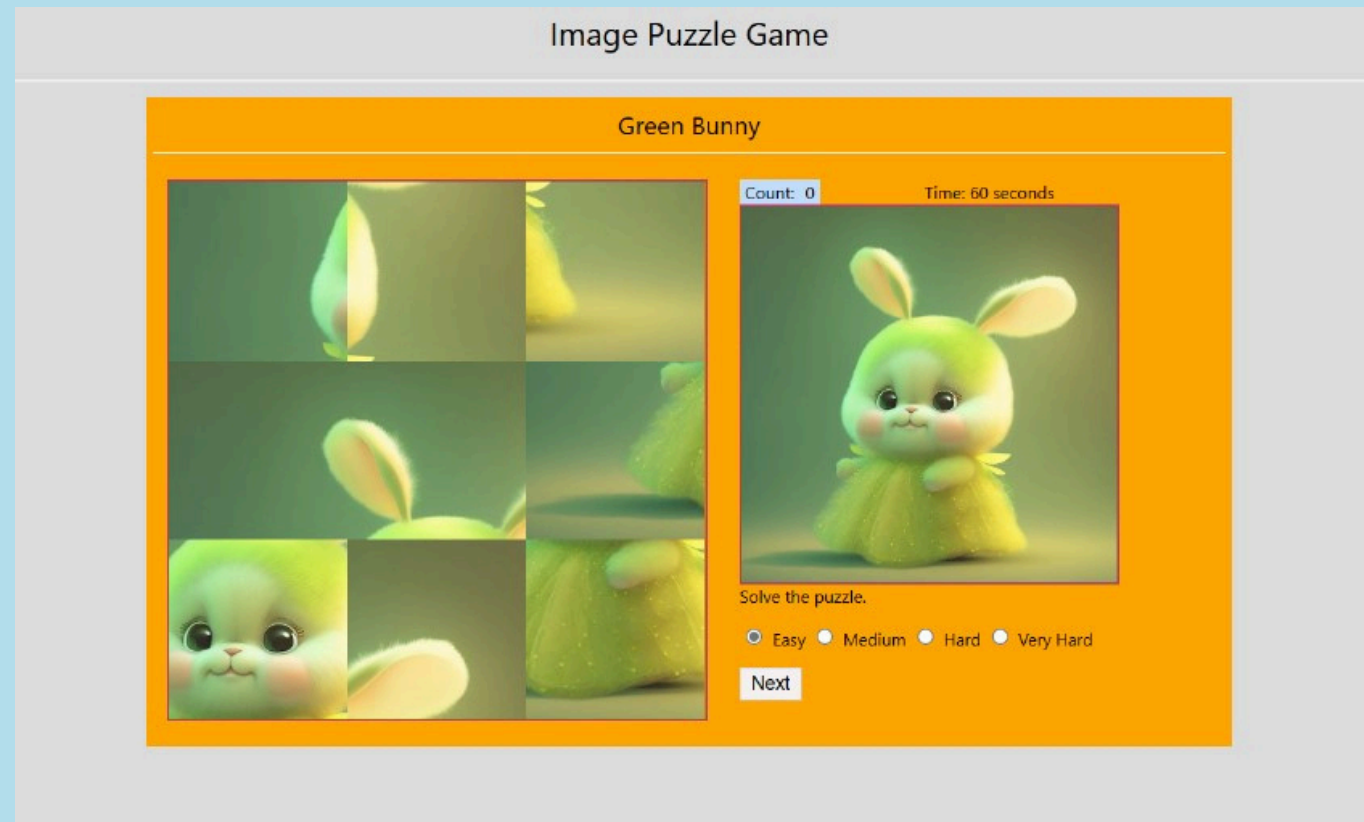*INCLUSION STARTS WITH UNDERSTANDING.*
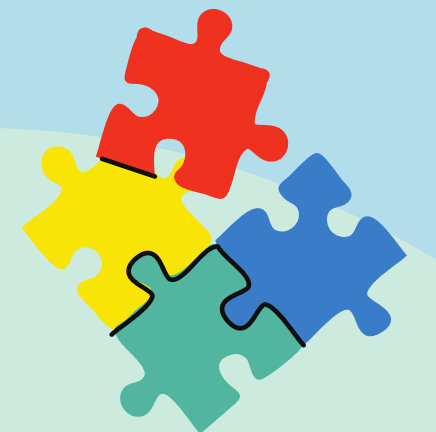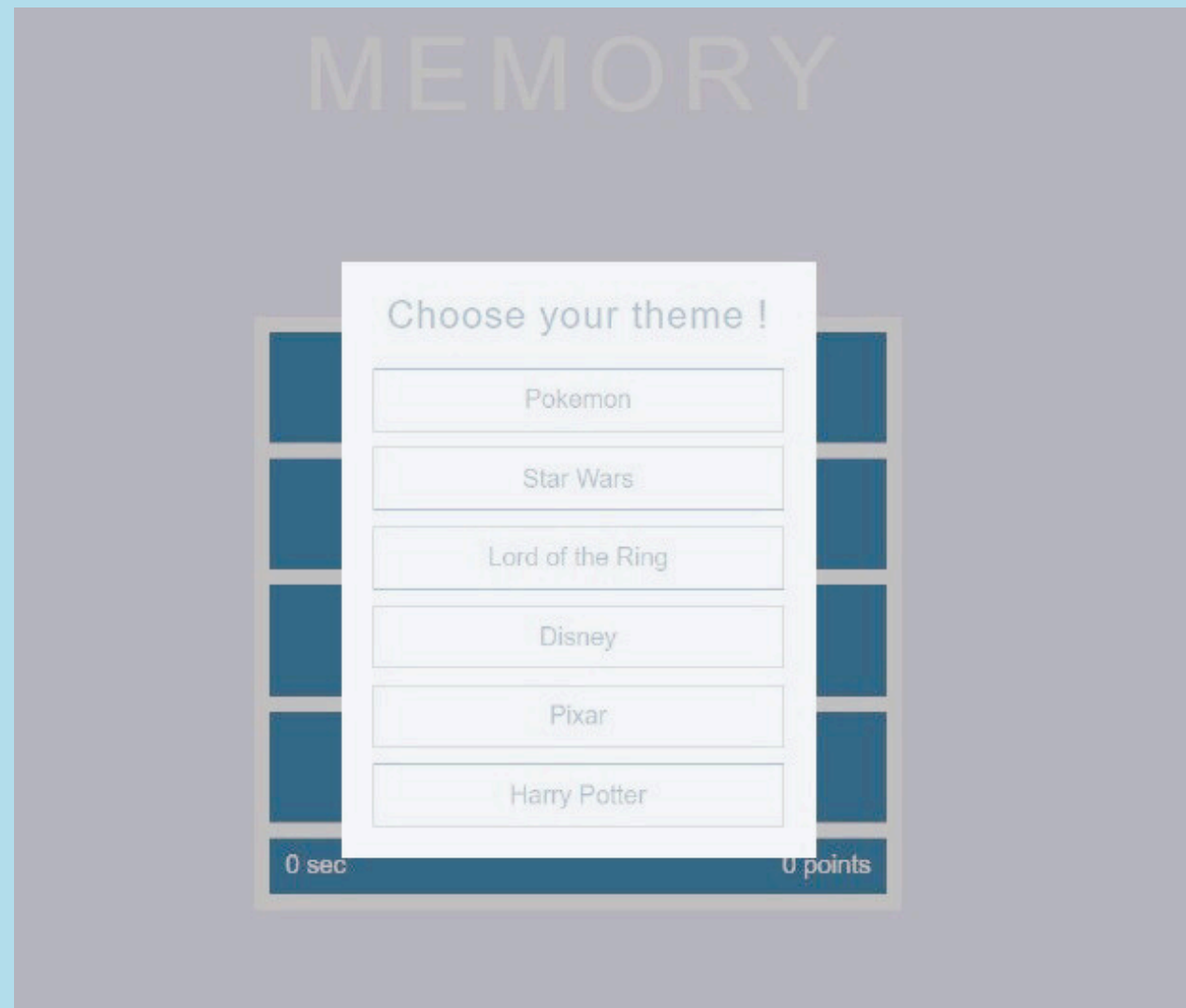
IMPLEMENTATION

JIGSAW PUZZLE

Jigsaw puzzles can be very beneficial for child with autism. They help improve fine motor skills and problem-solving abilities. The process of finding and fitting pieces together can also be calming and provide a sense of accomplishment.

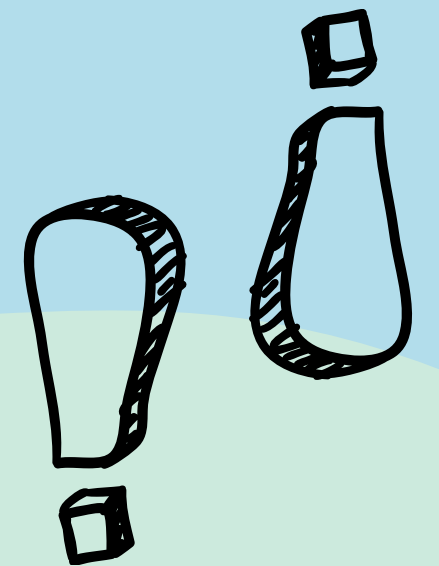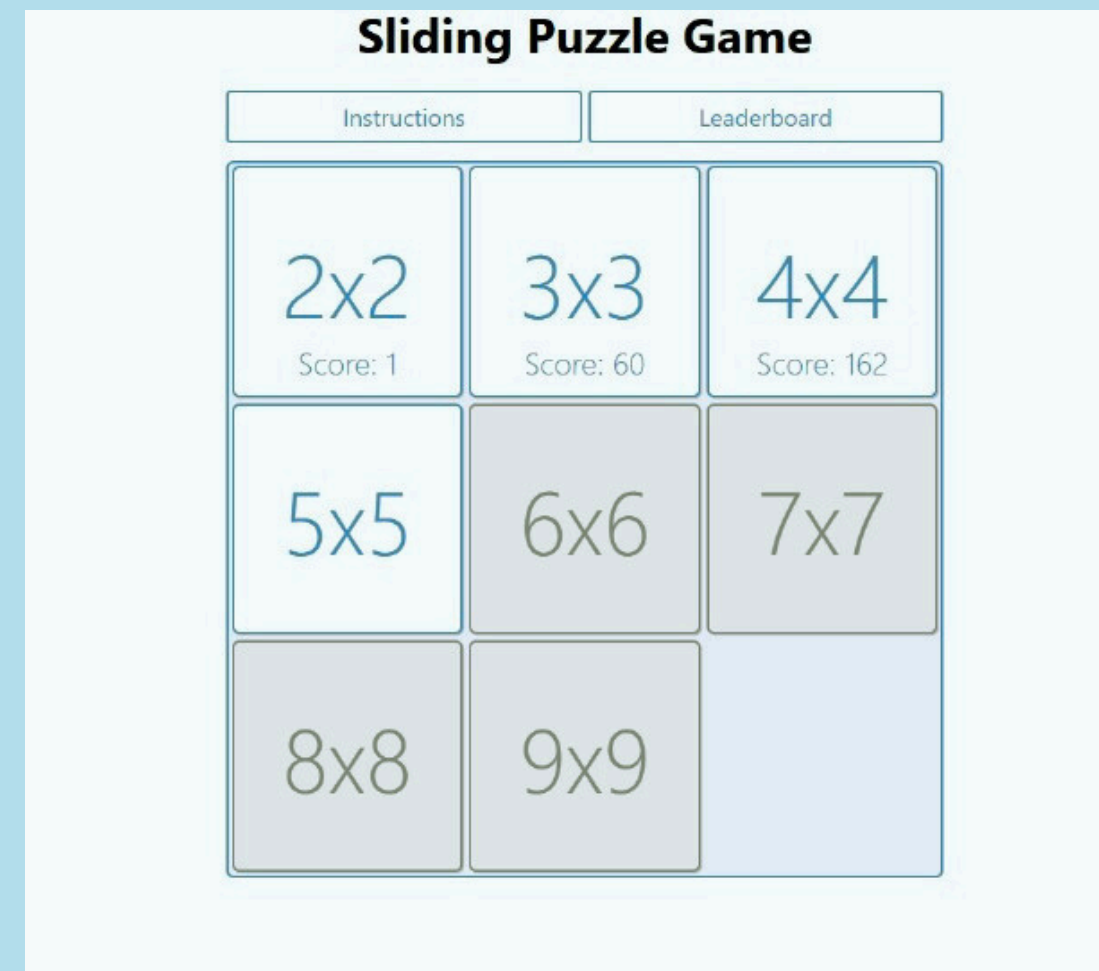*Every autistic mind has its own brilliance.*

MEMORY FLIP

A memory flip game can be very helpful for child with autism. This game involves flipping over cards to find matching pairs, which can improve memory, attention, and concentration. It also helps with visual recognition and cognitive skills.

Uncovering the Unique in Every Brain

SLIDING PUZZLE

A sliding puzzle is a game where pieces are moved around within a frame to create a complete sequence. They help improve problem-solving skills. The process of figuring out how to move the pieces into the correct order can be challenging, providing a structured and engaging activity.

Sliding Puzzle Game

Instructions | Leaderboard

2x2 Score: 1 | 3x3 Score: 60 | 4x4 Score: 162

5x5 | 6x6 | 7x7

8x8 | 9x9 |

Every autistic mind has its own brilliance.

TRASH SORT

This game involves sorting items into the correct bins, such as glass, hazardous, plastic etc. It helps improve categorization skill and understanding of environmental concepts. The repetitive and structured nature of the game can be soothing.

Unique Abilities, Shared Dreams

TECHNOLOGIES

HTML

CSS

Java Script

CONCLUSION

Engaging individuals with autism through various games, such as jigsaw puzzles, memory flip games, sliding puzzles, and trash sorting games, can offer numerous developmental benefits like problem-solving, memory, attention, and categorization.

THANK YOU!