

BREAK THE BLOCK: MATH CHALLENGE

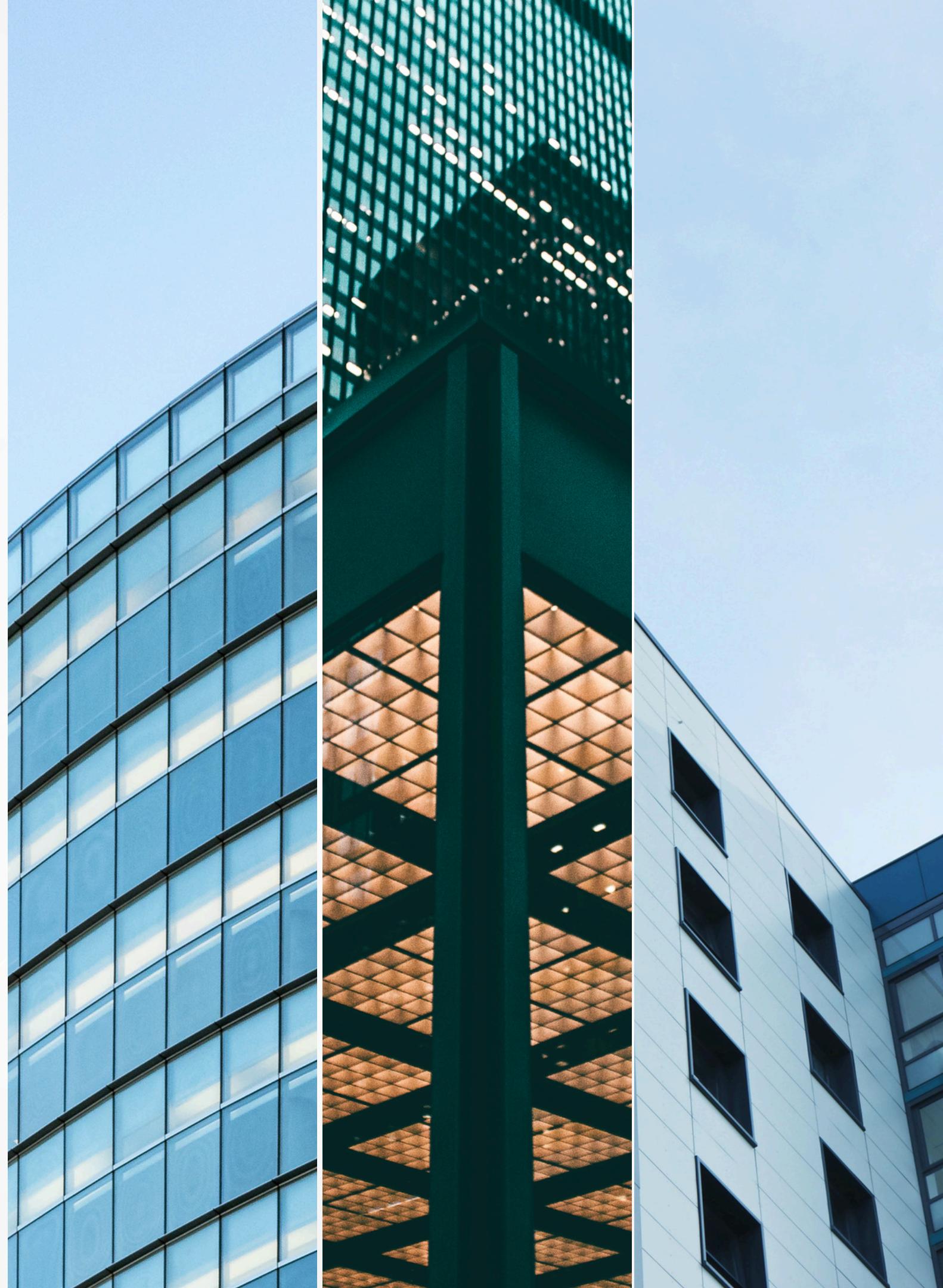
Using Mern Stack

GitHub Link :

https://github.com/robin2616/game_math

INTRODUCTION

- Introduction to Break The Block: Math Challenge is a fast-paced interactive game designed to sharpen your math skills under pressure.
- Built using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Players have 60 seconds to play, and the challenge lies in balancing luck with math proficiency.



GAME RULES



- **Objective:**

- Players aim to score the maximum points within 60 seconds.

- **Gameplay Setup:**

- The game board consists of a 5x5 grid of clickable boxes.
- Players interact with the boxes to reveal their fate.

- **Box Clicking:**

- When a player clicks a box, two outcomes are possible:
- 40% chance: A cross (X) appears, and the player loses 10 points.
- 60% chance: A math question appears!



GAME RULES

- **Math Questions:**

- Players are given a math question.
- They have 10 seconds to answer the question.

- **Scoring:**

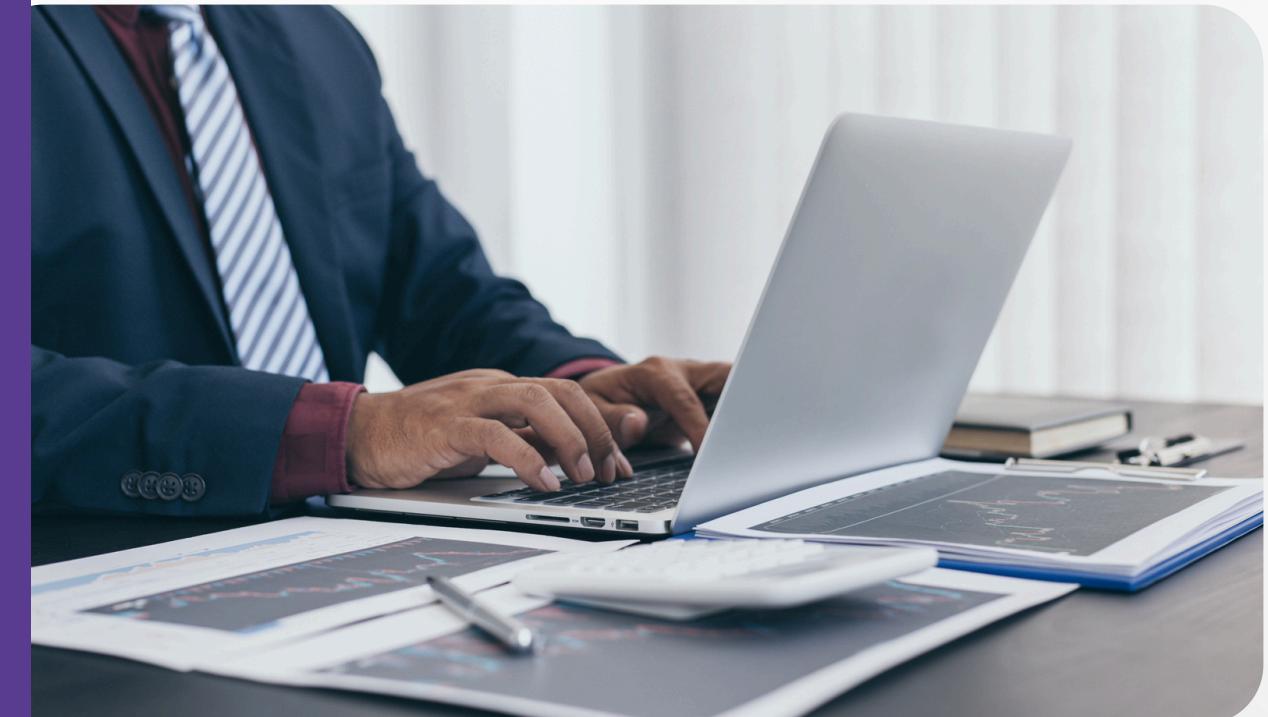
- Correct answers earn 20 points.
- If no answer is given within the time limit, 5 points are deducted.

- **Game Duration:**

- The game lasts for 60 seconds.
- At the end of the timer, the player's final score is displayed.

- **Winning Strategy:**

- Answer questions quickly and accurately while avoiding the crosses!



TECH STACK

- MERN Stack Overview:
 - MongoDB: For storing player scores.
 - Express.js: Handles server-side operations.
 - React.js: Frontend for dynamic gameplay.
 - Node.js: Backend logic and game controls.
- Design
 - Tailwind CSS : For make UI/UX attractive



SUMMARY

- Break The Block: Math Challenge blends luck and math skills in an engaging and educational format.
- Built with the MERN stack to provide a fast and seamless gaming experience.



THANK YOU

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