Retro Arcade Website - Reviving the Classics

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**Technologies Used:** HTML, CSS, JavaScript

**Project Description:**

Our retro-themed arcade website aims to capture the nostalgia and excitement of classic arcade games. We have carefully curated a collection of four timeless games that have been enjoyed by generations of players. Let's take a closer look at each of these games:

**1. Minesweeper**: Minesweeper is a puzzle game that challenges players to clear a grid containing hidden mines. The objective is to uncover all the safe squares without detonating any mines. Players must strategically deduce the locations of the mines based on numerical clues provided by the neighbouring squares. Minesweeper tests players' logical thinking and deductive skills as they navigate the minefield to victory.

**2. Snake Game**: Snake game is a simple yet addictive game where players control a growing snake as it moves around the screen. The snake must consume food items, which causes it to grow longer. However, players must avoid colliding with the walls or the snake's own tail, as this results in a game over. The challenge lies in manoeuvring the snake effectively to maximize growth while avoiding obstacles. Snake game requires quick reflexes and spatial awareness to achieve high scores.

**3. Simon Game**: Simon game is a memory game that tests players' ability to remember and replicate sequences of colours and sounds. The game consists of a circular console with four coloured buttons that emit corresponding sounds. The console plays a sequence of tones, and players must repeat the sequence accurately by pressing the buttons in the correct order. As the game progresses, the sequences become longer and more challenging, pushing players' memory and concentration to the limit.

**4. Reaction Speed Test**: The reaction speed test is a game that measures how quickly players can react to visual stimuli. It presents players with a series of coloured squares, and players must respond as fast as possible by clicking or pressing the correct corresponding button. The game calculates the player's reaction time, providing valuable feedback on their reflexes.

By including these four diverse games in our retro arcade website, we aim to cater to a wide range of players and their varying gaming preferences. We are excited to provide an immersive and nostalgic gaming experience that will captivate users and bring back cherished memories of arcade gaming.