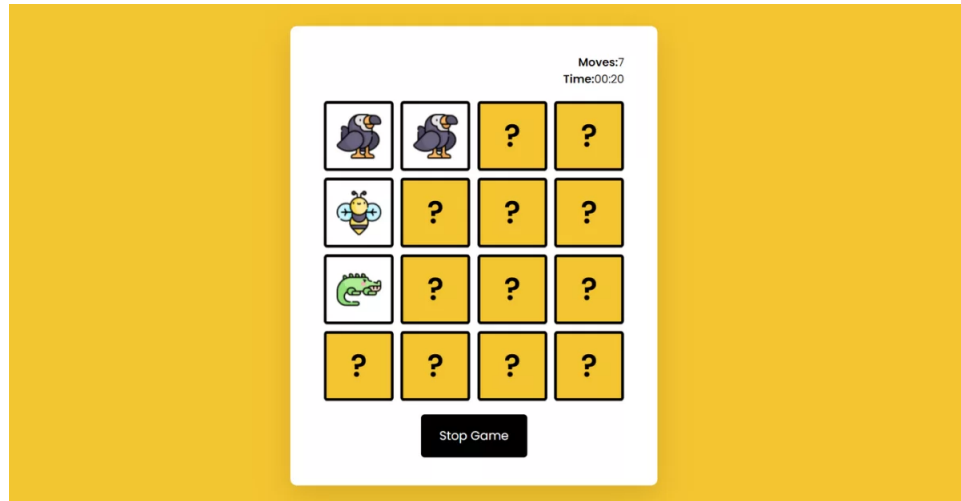


Memory Game

Task Title: Memory Card Game



Objective:

Evaluate the candidate's ability to create a memory card game using HTML, CSS, and JavaScript. This task focuses on implementing game mechanics, interactivity, and visual feedback.

Task Description:

Develop a memory card game with the following requirements:

1. Game Setup:

- Create a grid of face-down cards (e.g., 8×8 grid) using HTML and CSS for layout.
- Randomly assign pairs of matching cards from a predefined set (e.g., icons, images).

2. Game Mechanics:

- Implement JavaScript logic to handle game mechanics:
 - Click events to flip cards.
 - Keep track of flipped cards and match them if they are identical.

- Display a success message when all cards are matched.

3. **Visual Feedback:**

- Use CSS for card styling, including animations or transitions for flipping cards.
- Provide visual feedback on card state (e.g., different colors for matched and unmatched cards).