

Memory Game Task

Task Description:

Develop a Memory Game where players flip cards to find matching pairs. This game should be created using HTML for structure, CSS for styling, and JavaScript (DOM manipulation) for game logic.

Task Requirements:

- Create a basic HTML layout with a container for the game board.
- Include a header with the game title and a restart button.
- Implement the game logic to handle card flipping. When a card is clicked, it should flip to reveal the front face.
- Implement a shuffle function to randomize the card positions at the start of the game.
- Track the state of the game (e.g., which cards have been flipped, which pairs have been found).
- Implement the logic to check for matching pairs. If two cards match, they should remain face-up. If they do not match, they should flip back after a short delay.
- Add a restart function that resets the game board and shuffles the cards.
- Clean, well-documented code for HTML, CSS, and JavaScript.
- A responsive design that works well on both desktop and mobile devices.
- A brief README file explaining the project, how to set it up, and how to play the game.

Techstacks needs to be used :

- HTML

- Css
- JsDom

How do I submit my work?

- Deploy your web application in Netlify (<https://www.netlify.com>).
- Push all your work files to GitHub.
- Submit your URLs in the portal.

Terms and Conditions?

- You agree to not share this confidential document with anyone.
- You agree to open-source your code (it may even look good on your profile!).
Do not mention our company's name anywhere in the code.
- We will never use your source code under any circumstances for any commercial purposes; this is just a basic assessment task.

NOTE: Any violation of Terms and conditions is strictly prohibited. You are bound to adhere to it.