Game Behavior							
CRITERIA	MEETS SPECIFICATIONS						
Memory Game Logic	The game randomly shuffles the cards. A user wins once all cards have successfully been matched.						
	,						
Congratulations Popup	When a user wins the game, a modal appears to congratulate the player and ask if they want to play again. It should also tell the user how much time it took to win the game, and what the star rating was.						
Restart Button	A restart button allows the player to reset the game board, the timer, and the star rating.						
Restart Button	A restart button allows the player to reset the game board, the timer, and the star rating.						
Star Rating	The game displays a star rating (from 1-3) that reflects the player's performance. At the beginning of a game, it should display 3 stars. After some number of moves, it should change to a 2 star rating. After a few more moves, it should change to a 1 star rating. The number of moves needed to change the rating is up to you, but it should happen at some point.						
Timer	When the player starts a game, a displayed timer should also start. Once the player wins the game, the timer stops.						
Move Counter	Game displays the current number of moves a user has made.						
Interface Design							
CRITERIA	MEETS SPECIFICATIONS						
Styling	Application uses CSS to style components for the game.						
Usability	All application components are usable across modern desktop, tablet, and phone browsers.						
Desumentation							
Documentation							
CRITERIA README	MEETS SPECIFICATIONS A README file is included detailing the game and all dependencies.						
Comments	Comments are present and effectively explain longer code procedure when necessary.						
Code Quality	Code is formatted with consistent, logical, and easy-to-read formatting as described in the Udacity JavaScript Style Guide.						
	Suggestions to Make Your Project Stand Out!						
	Add CSS animations when cards are clicked, unsuccessfully matched, and successfully matched.	atched.					
	- Add unique functionality beyond the minimum requirements (Implement a leaderboard, stor		storage, etc.)				
	- Implement additional optimizations that improve the performance and user experience of th						
Development Strateg	gy						
	n your project before you start writing any code. Break your project down into small piec ix an issue if you've only made a small change. It becomes much harder if you wait longe			k by brick.			
Start by building a very simple grid of ca	ards.						
Don't worry about styling, just get sor	mething clickable on the page.						
	esent a card. Remember, you have to represent two sides of the card. Are you going to have two separate elements a card.	nents stacked on top of each	other?				
Add the functionality to handle clicks.	form to seed						
This should reveal the hidden side of Work on the matching logic. How does	reach card. your game "know" if a player guesses correctly or incorrectly?						
	es your game "know" if a player has won?						
	very end. Allow your game logic and functionality to dictate the styling.						
TODO liet:							
TODO list:							
	Does it work?	Does this action needs CSS styling right away?					

1 Create your grid + cards and the start modal in JavaScript									
and the start modal in Javascript	chock	1 Create an array that holds all cards as objects							
		2 Duplicate that array to get 8 pair							
		3 Randomize the cardsArray							
		4 Create a grid 8x8 by giving it a classname and css property's (in the *.css ofcourse)							
		5 Loop through the cards:							
			yes!						
	check		yes!						
	check	-Create the backside	yes!						
	check	-Append the cards to the grid							
	check	6 Add a classname to style selected cards when 2 cards match '.selected'							
		7 start modal?							
	check	create a div, giv it a classname start-modal							
2 Create an onclick listener to flip									
the cards and count the moves									
		1 Add eventlistener to grid to flip the cards when a card is clicked							
	check	-Make the event target the clicked item							
	check	-Do not allow the grid section to get selected, only the divs inside the grid							
Guess counter	check	-Create a function for matching cards: if count < 2 count ++							
	check	if count === 1 assign first guess							
	check	else assign secondguess							
	check	if firstguess && secondGuess then:							
	check	if firstguess === secondguuess then run match with a little delay for the animation to finish							
	check	if matchCount = 16 then pauze the timer and give the win modal a classname							
	check	reset guesses							
	check	2 Create a start/reset function (addEventlistener) that resets firstGuess, secondGuess and the guessCo	ounter and removes the cl	lassname '.selected'					
	check	3 Flip with some delay for the animation?							
3 Create -matching logic -move counter									
-guess counter		and the land to the second sec							
		matching logic: 1 create an if statement If firstguess === secondguess then change css so then won't flip							
		move counter:							
		2 Create a move counter (onclick.addEventlistener) and show it above the game							
		createa variable called moves, and count +1 to it so: if firstGuess && secondGuess {moves++}							
	check	create a div and add classname .moves and add it to the game and modal screen							
	check	guesscounter created in step 2.1							
4 Create star rating									
	check	1. create an if statement: If moves >= 3 then change 1 star classname, If moves >= 6 then change another star							
5 Create a timer									
	check	1 Import the chronometer from easyTimer.js in the html file							
		2 Show the timer above the game and on the winning modal screen							
		3 Timer should pause when all 16 guesses are right							
	SHOOK	page of the second of the							
6 Create a winning logic									
U S. Sate a willing logic		1 In the code for the matching logic, when firstGuess and secondGuess are equal count 1+ to a variable	like winCount						
	check	and then execute the code If winCount = 16 to add a classname to the winning modal screen	S IING WITIGOUTE						
		2 if all 16 guesses are right then stop the timer, show modal screen that shows: time, stars, moves, rest	art button						
7 Create modal screens									
uu mouu ooleena	check	1 Create 1 modal, add when win some strings and add them to the modal							
		2 The restart button sets timer, star rating, moves, guesses to 0, also the game deck has to flip all cards	and randomize them						
	check	And modal should close (remove winmodalclassname) maybe only one START button instead of ST.	ART and RESTART						
DEBUG									
DEBUG	cneck	cards stay open after restart							
Style									
	check	style the game + cards + modal screens							
Documentation / README.md									
		Be sure to check your HTML CSS and JS on the comments, trailing white spaces, etc. check out the http://udacity.github.io/frontend-nanodegree-styleguide/index.html and let it check by a va							

extra if there is some time left								
	check	- Add CSS animations when cards are clicked, unsuccessfully matched, and successfully matched.						
		- Add unique functionality beyond the minimum requirements (Implement a leaderboard, store game state u	ising local storage, etc.)					
		- Implement additional optimizations that improve the performance and user experience of the game (keybo	ard shortcuts for gameplay, etc).					
git / gitHUB								
		- After something is ready to test online or I need some help from others I make a commit (I'm using VScode)						
		A commit has to follow the Udacity's Git Commit Message Style Guide found here						
		- Second I push the commit to origin https://github.com/ThijsWaalders/Memory-Game.git (that is my gitHUB's repo for	the memory game):					
		- And as third I push the branch that I am working on to the master branch so that it is viewable as a page on gitHUB. with this command: git push origin changing-grid:master (where changing-grid is the branch I'm working on and master is the master branch						
		I'm not 100% sure if I'm doing it right, and I have to learn some more about the branches. For the needs of this project I think it's enough.						
Sources:								
		My gitHUB repo for this project						
		My codepen for this project. My gitHUB is more up to date						
		Super Mario Memory Match Game Tutorial to understand how the game works						
		The project in the Udacity classroom You can also	find the styleguides for HTML/CSS/JavaScript/git here					