

Validações JSLint

server.js

Report: Warnings (17)

- 1. Line is longer than 80 characters. 21: 1
- 2. Use 'function (...) not (...) =>' when arrow functions become too complex. 31: 25
- 3. Use 'function (...) not (...) =>' when arrow functions become too complex. 35: 33
- 4. Use 'function (...) not (...) =>' when arrow functions become too complex. 39: 30
- 5. Use 'function (...) not (...) =>' when arrow functions become too complex. 43: 40
- 6. Use 'function (...) not (...) =>' when arrow functions become too complex. 47: 37
- 7. Use 'function (...) not (...) =>' when arrow functions become too complex. 52: 38

Report: Properties (25)

```
/*property
  PORT, SUCESSO_MSG, Server, config, createServer, data, game, get, join,
  json, listen, log, message, nomeusuario, partidas_derrotas,
  partidas_jogadas, partidas_vencidas, redirect, render, set, static, use,
  userid, usuario, waiting_room
*/
```

Report: Functions (11)

authRoutes.js

Report: Warnings (31)

- 1. Expected 'new' before 'Router'. 2: 16
- 2. Use 'function (...) not (...) =>' when arrow functions become too complex. 7: 43
- 3. Expected const 'email' to be ordered before const 'nomeusuario'. 8: 24
- 4. Unexpected '';. 12: 40
- 5. Unexpected '';. 17: 64
- 6. Expected property 'email' to be ordered before property 'nomeusuario'. 21: 45
- 7. Unexpected '';. 27: 41

Report: Properties (39)

```
/*property
  $or, JWT_SECRET, NODE_ENV, Router, _id, body, clearCookie, cookie, email,
  env, error, expires, expiresIn, exports, findByIdAndDelete,
  findByIdAndUpdate, findOne, httpOnly, id, json, length, matchPassword,
  message, new, nomeusuario, novoleitor, novoNomeusuario, post,
  runValidators, sameSite, save, secure, senha, sign, status, success, trim,
  usuario
```

Report: Functions (5)

rules.js

Report: Warnings (144)

- Required parameter 'color' after optional parameter 'step_lim'.
color
- Use function (...) not (...)=> when arrow functions become too complex.
) => {
- Wrap a ternary expression in parens, with a line break after the left paren.
step_x < left ? step_x - 1 : step_x + 1;
- Wrap a ternary expression in parens, with a line break after the left paren.
step_y = ford ? step_y - 1 : step_y + 1;
- Unexpected 'throw'.
throw new Error("a");
- Unexpected 'throw'.
throw new Error("a");
- Undeclared 'block'.
block = board[row + step_y][col + step_x];

Report: Properties (38)

```
/*property
$inc, JWT_SECRET, NE, NW, SE, SW, added, blue, blue_turn, board,
click_check_blanks, coords, dama, direction, elim, enemies, env, exports,
filter, findByIdAndUpdate, from, id, length, map, partidas_vencidas,
piece_move, pieces, points, push, red, removed, to, to_elim, to_kill,
to_land, token, verify, win
*/
```

Report: Functions (23)

virtual_game.js

Report: Warnings (212)

- Expected const 'click_check_blanks' to be ordered before const 'piece_move'.
const { piece_move, click_check_blanks } = require("./rules");
- Unexpected '';
["blue", null, "blue", null, "blue", null, "blue", null],
- Expected property 'NE' to be ordered before property 'NW'.
to_land: { NW: null, NE: null, SW: null, SE: null },
- Expected property 'SE' to be ordered before property 'SW'.
to_land: { NW: null, NE: null, SW: null, SE: null },
- Expected property 'to_kill' to be ordered before property 'to_land'.
to_kill: { NW: null, NE: null, SW: null, SE: null },
- Expected property 'NE' to be ordered before property 'NW'.
to_kill: { NW: null, NE: null, SW: null, SE: null },
- Expected property 'SE' to be ordered before property 'SW'.
to_kill: { NW: null, NE: null, SW: null, SE: null },

Report: Properties (51)

```
/*property
JWT_SECRET, NE, NW, SE, SW, blue, blue_turn, board, click_check_blanks,
color, cookie, coords, create_game_room, dama, data, elim, emit, enemies,
env, exports, fetchSockets, findById, floor, forEach, game,
get_disp_room_id, handshake, headers, id, in, join, leave, length, nome,
nousuario, on, piece_move, pieces, player, points, random, red, room,
split, to, to_kill, to_land, token, trim, verify, win
*/
```

Report: Functions (12)

waiting_room.js

Report: Warnings (9)

- 1. Use 'function (...) not (...) =>' when arrow functions become too complex.
const untoken_id = (token) => {
 ...}
- 2. Use 'function (...) not (...) =>' when arrow functions become too complex.
const waiting_room = (io) => {
 ...}
- 3. Use 'function (...) not (...) =>' when arrow functions become too complex.
io.of("/waiting").on("connection", async (socket) => {
 ...})
- 4. Use 'function (...) not (...) =>' when arrow functions become too complex.
socket.handshake.headers.cookie.split(".").forEach((ele, idx) => {
 ...})
- 5. Expected '===' and instead saw '=='.
if (key == "sessionToken") {
 ...}
- 6. Unexpected '!'.
\$inc: { partidas_jogadas: 1 },
...
Sinc: { partidas jogadas: 1 },
...
7. Unexpected '!'.
\$inc: { partidas jogadas: 1 },
...

Report: Properties (20)

```
/*property  
  $inc, JWT_SECRET, cookie, create_game_room, data, emit, env, exports,  
  findByidAndUpdate, findIndex, forEach, get_disp_room_id, handshake, headers,  
  id, length, log, of, on, partidas_jogadas, push, shift, splice, split,  
  token, trim, verify, waiting_room  
*/
```

Report: Functions (6)

script.js

Report: Warnings (31)

- 1. Expected property 'headers' to be ordered before property 'method'.
headers: {
 ...}
- 2. Line is longer than 80 characters.
"content-type": "application/json", //dizendo ao servidor que estamos enviando json
...
7. 1
- 3. Unexpected '!'.
"content-type": "application/json", //dizendo ao servidor que estamos enviando json
...
7. 41
- 4. Expected property 'body' to be ordered before property 'headers'.
body: JSON.stringify({ nomeusuario, email, senha }), //conversao de dados
...
9. 5
- 5. Expected property 'email' to be ordered before property 'nomeusuario'.
body: JSON.stringify({ nomeusuario, email, senha }), //conversao de dados
...
9. 41
- 6. Unexpected '!'.
body: JSON.stringify({ nomeusuario, email, senha }), //conversao de dados
...
9. 56
- 7. Redefinition of 'errorData' from line 21.
const errorData = await response.json();
...
26. 11

Report: Properties (22)

```
/*property  
  action, addEventListener, alert, body, credentials, email, getElementById,  
  headers, json, location, log, message, method, nomeusuario, novoNomeusuario,  
  preventDefault, reload, replace, senha, status, stringify, value  
*/
```

Report: Functions (7)

script_waiting_room.js

Report: Warnings (1)

- 1. Use 'function (...) not (...) =>' when arrow functions become too complex.
player.on("go-to-game", (s) => {
 ...})
11. 29

Report: Properties (5)

```
/*property  
  href, location, log, on, socket  
*/
```

Report: Functions (1)

```
module Manager, console, manager, oi_path, player, window  
import from socket.io-client  
  
  «on»(s) =>  
    parameter s  
    module window  
  ...  
11. 29
```

script_mutiplayer.js

Report: Warnings (54)

- 1. Line is longer than 80 characters. 26:1
- // [[5,0], [5,2], [5,4], [5,6], [6,1], [6,3], [6,5], [6,7], [7,0], [7,2], [7,4], [7,6]]
- 2. Expected 'let' and instead saw 'var'. 31:1
- var b_points = 0;
- 3. Expected 'let' and instead saw 'var'. 33:1
- var b_pieces = [];
- 4. Expected 'let' and instead saw 'var'. 34:1
- var r_pieces = [];
- 5. Line is longer than 80 characters. 36:1
- // [[1,0], [1,2], [1,4], [1,6], [0,1], [0,3], [0,5], [0,7], [2,1], [2,3], [2,5], [2,7]]
- 6. Expected 'let' and instead saw 'var'. 38:1
- var r_points = 0;
- 7. Expected 'let' and instead saw 'var'. 40:1
- var selected_piece = [null, null];

Report: Properties (40)

```
/*property
NE, NW, SE, SW, add, added, appendChild, blue, blue_turn, classList,
cloneNode, color, coords, createElement, dams, direction, emit, enemies,
forEach, from, getElementById, href, innerHTML, innerText, location, nome,
on, onclick, pieces, player, points, querySelector, red, remove, removed,
room, socket, to, to_land, win
*/
```

Report: Functions (37)

script_dama_local.js

Report: Warnings (128)

- 1. Move variable declaration to top of function or script. 17:1
- var b_damas = [[6, 7]]; 34:19
- 2. Use 'function (...) { ... }' not '(...)=>' when arrow functions become too complex. 34:19
- const move = (to) => { 35:3
- 3. Undeclared 'from'. 35:3
- from = selected_piece; 36:3
- 4. Undeclared 'new_loc'. 36:3
- new_loc = to.id.split("-").map((val) => parseInt(val)); 38:15
- 5. Undeclared 'from'. 38:15
- piece_erase(from); 41:3
- 6. Expected 'var' and instead saw 'let'. 41:3
- let is_dama = false; 43:48
- 7. Expected '===' and instead saw '=='. 43:48
- is_dama = b_damas.filter((val) => `\${val}` == `\${from}`).length > 0;

Report: Properties (26)

```
/*property
NE, NW, SE, SW, add, appendChild, childNodes, classList, cloneNode,
contains, createElement, filter, forEach, getElementById, id, innerHTML,
innerText, item, length, log, map, onclick, push, querySelector, remove,
split
*/
```

Report: Functions (45)

user.js

Report: Warnings (21)

- 1. Line is longer than 80 characters. 2:1
- const bcrypt = require("bcrypt"); //serve para criptografar a senha enviada para o banco de dados
- 2. Expected property 'require' to be ordered before property 'type'. 7:5
- require: [true, "Campo obrigatório"], 9:5
- 3. Expected property 'trim' to be ordered before property 'unique'. 9:5
- trim: true, //remove os espaços em branco antes e depois
- 4. Expected property 'minlength' to be ordered before property 'trim'. 10:5
- minlength: 3, 10:17
- 5. Unexpected '!'. 10:17
- minlength: 3, 12:3
- 6. Expected property 'email' to be ordered before property 'nomeusuario'. 12:3
- email: { 14:5
- 7. Expected property 'require' to be ordered before property 'type'. 14:5
- require: [true, "Campo obrigatório"],

Report: Properties (22)

```
/*property
Schema, compare, default, email, exports, genSalt, hash, isModified,
lowercase, matchPassword, methods, minlength, model, nomeusuario,
partidas_jogadas, partidas_vencidas, pre, require, senha, trim, type,
unique
*/
```

Report: Functions (2)

authmiddle.js

Report: Warnings (1) 5:40
1. Use 'function (...)', not '(...)=>' when arrow functions become too complex.
const protect = async (req, res, next) => {
 /*property
 JWT_SECRET, clearCookie, cookies, env, error, exports, findById, id,
 message, redirect, select, sessionToken, userId, usuario, verify
*/
}

Report: Properties (15)
/*property
 JWT_SECRET, clearCookie, cookies, env, error, exports, findById, id,
 message, redirect, select, sessionToken, userId, usuario, verify
*/

Report: Functions (1) 5: 40
global User, console, jwt, module, process, protect, require
 «protect»(req, res, next) =>
 parameter next, req, res
 variable decoded, token, user
 global User, console, jwt, process

db.js

Report: Warnings (1) 3:28
1. Use 'function (...)', not '(...)=>' when arrow functions become too complex.
const connectDB = async () => {
 /*property
 MONGO_URI, connect, connection, env, error, exit, exports, host, log,
 message
*/
}

Report: Properties (10)
/*property
 MONGO_URI, connect, connection, env, error, exit, exports, host, log,
 message
*/

Report: Functions (1) 3: 28
global connectDB, console, module, mongoose, process, require
 «connectDB»() =>
 variable conn
 global console, mongoose, process

Validações The W3C Markup

dama_local.html

1. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.
From line 5, column 5; to line 5, column 28
head>^<meta charset="UTF-8" />^< ^
2. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.
From line 6, column 5; to line 6, column 76
8" />^<meta name="viewport" content="width=device-width, initial-scale=1.0" />^< ^
3. Error An img element must have an alt attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.
From line 25, column 13; to line 25, column 62
^
4. Warning Consider using the h1 element as a top-level heading only (all h1 elements are treated as top-level headings by many screen readers and other tools).
From line 40, column 13; to line 40, column 16
<h1>Azul:
5. Warning Consider using the h1 element as a top-level heading only (all h1 elements are treated as top-level headings by many screen readers and other tools).
From line 39, column 13; to line 39, column 16
<h1>Vermel

home.html

```
1. Error An img element must have an alt attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.  
From line 14, column 13; to line 14, column 62  

```

```
2. Error End tag br.  
From line 58, column 12; to line 58, column 16  
<p></br>2025 f
```

cadastro.ejs

```
1. Error An img element must have an alt attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.  
From line 13, column 13; to line 13, column 62  

```

```
2. Error An img element must have an alt attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.  
From line 45, column 13; to line 45, column 41  

```

```
3. Error End tag br.  
From line 52, column 12; to line 52, column 16  
<p></br>2025 f
```

desenvolvedores.ejs

```
1. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 5, column 5; to line 5, column 28  
head>  
    <meta charset="UTF-8" />
```

```
2. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 6, column 5; to line 6, column 76  
8" />  
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
```

```
3. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 8, column 5; to line 8, column 46  
title>  
    <link rel="stylesheet" href="/dana.css" />
```

```
4. Error An img element must have an alt attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.  
From line 14, column 13; to line 14, column 64  

```

```
5. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 14, column 13; to line 14, column 64  

```

```
6. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 30, column 17; to line 30, column 102  

```

```
7. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 59, column 17; to line 59, column 102  

```

```
8. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 91, column 9; to line 91, column 35  
>  
    <br class="linha-footer" />
```

documentacao.ejs

```
1. Error An  element must have an alt attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.
From line 14, column 13 to line 14, column 62
e?
```

```
2. Error No p element in scope but a p end tag seen.
From line 107, column 13 to line 107, column 16

```

```
3. Error End tag br.
From line 176, column 12 to line 176, column 16

```

game-multiplayer.ejs

```
1. Error The element button must not appear as a descendant of the a element.
From line 18, column 35 to line 18, column 42


(*perfill*)>buttonMenu{/}


```

```
2. Error An  element must have an alt attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.
From line 24, column 13 to line 24, column 62
e?
```

```
3. Warning Consider using the h1 element as a top-level heading only (all h1 elements are treated as top-level headings by many screen readers and other tools).
From line 39, column 13 to line 39, column 16


# Vermel


```

```
4. Warning Consider using the h1 element as a top-level heading only (all h1 elements are treated as top-level headings by many screen readers and other tools).
From line 40, column 13 to line 40, column 15


# Azul


```

login.ejs

```
1. Error An  element must have an alt attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.
From line 13, column 13 to line 13, column 62
e?
```

```
2. Error An  element must have an alt attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.
From line 41, column 13 to line 41, column 41
e?
```

```
3. Error End tag br.
From line 48, column 12 to line 48, column 16

```

perfil.ejs

```
1. Error An  element must have an alt attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.
From line 14, column 13 to line 14, column 62
e?
```

```
2. Error Bad character % after <. Probable cause: Unescaped <. Try escaping it as &lt;.
At line 29, column 32
Bem-vindo(a), <%nameusuario %
```

```
3. Error Bad character % after <. Probable cause: Unescaped <. Try escaping it as &lt;.
At line 33, column 44
adas: <strong><%= p;
```

```
4. Error Bad character % after <. Probable cause: Unescaped <. Try escaping it as &lt;.
At line 34, column 35
rias: <strong><%= partidas_ven
```

```
5. Error Bad character % after <. Probable cause: Unescaped <. Try escaping it as &lt;.
At line 35, column 35
etas: <strong><%= partidas_der
```

```
6. Error End tag br.
From line 70, column 12 to line 70, column 16

```

waiting-room.ejs

```
1. Error An img element must have an alt attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.  
From line 14, column 13 to line 14, column 62  
    
```

```
2. Error End tag br.  
From line 35, column 12 to line 35, column 16  
<p><br>2025 f
```