

Note:

Error codes ranges:

100-199 - repository errors

200-299 - service errors

300-399 - controller errors

USERS

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| Endpoint | POST /users/register | |
| Description | Registers a new user | |
| Request | <pre>{ "username": "user1", "password": "u.1234567" }</pre> | |
| Response | <pre>{ "data": { "role": "user", "_id": "5ecdc6a368b5f115c04cbc35", "username": "user1", "email": "", "password": "\$2b\$10\$wyF7aAzXJpb1G4btyjoObu9Sk1E1Qx5d6ax74z7hERD5QH6.ZFyW", "__v": 0 } }</pre> | |
| Error Codes | 318 | User registration unexpected error |
| | 319 | User Already exists |
| | 205 | getUser Unexpected Error |
| | 206 | createUser Unexpected Error |
| | 105 | getUser console.log("error", error) Unexpected Error |
| | 106 | createUser Unexpected Error |
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| Endpoint | POST /users/login | |
|-------------|--|-----------------------------|
| Description | Registers a new user | |
| Request | <pre>{ "username": "user1", "password": "u.1234567" }</pre> | |
| Response | <pre>{ "data": { "token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWUiOiI1ZW5kYzZhMzY4YjVmMTE1YzA0Y2JmMzUiLCJleHAiOiJlOTAxNDQyNzgyNjEsInVzZXJuYW1lIjoiaXNlcjEiLCJyb2xlIjoiaXNlcjE9.ULe-o6_q-ywO0rFBTG0igcQ3BgUrQxfFtEnkKcj4I50", "username": "user1", "role": "user", "id": "5ecdc6a368b5f115c04cbc35" } }</pre> | |
| Error Codes | | |
| | 320 | User Login unexpected Error |
| | 321 | Invalid Login Information |

GAMES

| Endpoint | GET /games |
|-------------|---|
| Description | Returns all users games |
| Header | Authorization: Bearer <token> |
| Request | - |
| Response | <pre>[{ "_id": "5ecdc0ba68b5f115c04cbc1f", "rows": 2, "columns": 2, "mines": 1, "field": [</pre> |

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|-------------|--|---------------------------|
| | <pre>[{ "_id": "5ecdc0ba68b5f115c04cbc20", "flagged": false, "mined": false, "question": false, "revealed": false }, { "_id": "5ecdc0ba68b5f115c04cbc21", "flagged": false, "mined": true, "question": false, "revealed": false }], [{ "_id": "5ecdc0ba68b5f115c04cbc22", "flagged": false, "mined": false, "question": false, "revealed": false }, { "_id": "5ecdc0ba68b5f115c04cbc23", "flagged": false, "mined": false, "question": false, "revealed": false }]], "revealed": "0", "finished": false, "user": "5ec9167173ed913a09121a95" }</pre> | |
| Error Codes | | |
| | 300 | getGames Unexpected Error |
| | 200 | getGames Unexpected Error |

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| | 100 | getGames Unexpected Error |
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| Endpoint | GET /games/:id |
| Description | Return specific game |
| Header | Authorization: Bearer <token> |
| Request | - |
| Response | <pre>{ "_id": <id>, "rows": 2, "columns": 2, "mines": 1, "field": [[{ "_id": "<cell-id>", "flagged": false, "mined": false, "question": false, "revealed": false }, { "_id": "<cell-id>", "flagged": false, "mined": true, "question": false, "revealed": false }], [{ "_id": "<cell-id>", "flagged": false, "mined": false, "question": false, "revealed": false }, { </pre> |

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|-------------|--|-----|------------------------------|-----|------------------------------|-----|------------------------------|
| | <pre> "_id": "<cell-id>", "flagged": false, "mined": false, "question": false, "revealed": false }], "revealed": "0", "finished": false, "user": "5ec9167173ed913a09121a95", "time": "00:10" } }</pre> | | | | | | |
| Error Codes | <table><tr><td>301</td><td>getGameById Unexpected Error</td></tr><tr><td>201</td><td>getGameById Unexpected Error</td></tr><tr><td>101</td><td>getGameById Unexpected Error</td></tr></table> | 301 | getGameById Unexpected Error | 201 | getGameById Unexpected Error | 101 | getGameById Unexpected Error |
| 301 | getGameById Unexpected Error | | | | | | |
| 201 | getGameById Unexpected Error | | | | | | |
| 101 | getGameById Unexpected Error | | | | | | |

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|-------------|---|
| Endpoint | POST /games/ |
| Description | Creates new game |
| Header | Authorization: Bearer <token> |
| Request | <pre>{ "rows": 2, "columns": 2, "mines": 1 }</pre> |
| Response | <pre>{ "_id": <id>, "rows": 2, "columns": 2, "mines": 1, "field": [[{ "_id": "<cell-id>",</pre> |

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|-------------|---|--|-----|-----------------------------|-----|---------------------------|-----|----------------------------------|-----|-----------------------------|
| | <pre> "flagged": false, "mined": false, "question": false, "revealed": false }, { "_id": "<cell-id>", "flagged": false, "mined": true, "question": false, "revealed": false }], [{ "_id": "<cell-id>", "flagged": false, "mined": false, "question": false, "revealed": false }, { "_id": "<cell-id>", "flagged": false, "mined": false, "question": false, "revealed": false }]], "revealed": "0", "finished": false, "user": "5ec9167173ed913a09121a95", "time": "00:00" }</pre> | | | | | | | | | |
| Error Codes | <table><tr><td>302</td><td>createGame Unexpected Error</td></tr><tr><td>303</td><td>createGame Missing Params</td></tr><tr><td>304</td><td>createGame More mines than cells</td></tr><tr><td>202</td><td>createGame Unexpected Error</td></tr></table> | | 302 | createGame Unexpected Error | 303 | createGame Missing Params | 304 | createGame More mines than cells | 202 | createGame Unexpected Error |
| 302 | createGame Unexpected Error | | | | | | | | | |
| 303 | createGame Missing Params | | | | | | | | | |
| 304 | createGame More mines than cells | | | | | | | | | |
| 202 | createGame Unexpected Error | | | | | | | | | |

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| | 102 | createGame Unexpected Error |
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| Endpoint | POST /games/:id/flag |
| Description | Sets a flag on a specific game cell |
| Header | Authorization: Bearer <token> |
| Request | <pre>{ "x": 0, "y": 0, "time": "00:10" }</pre> |
| Response | <pre>{ "_id": "<id>", "rows": 2, "columns": 2, "mines": 1, "field": [[{ "_id": "<cell-id>", "flagged": true, "mined": false, "question": false, "revealed": false }, { "_id": "<cell-id>", "flagged": false, "mined": false, "question": false, "revealed": false }], [{ "_id": "<cell-id>", "flagged": false, "mined": false, "question": false,</pre> |

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|-------------|--|-----|---------------------------|-----|-----------------------------|-----|-------------------------|-----|------------------------------|-----|-----------------------------|-----|-----------------------------|
| | <pre> "revealed": false }, { "_id": "<cell-id>", "flagged": false, "mined": true, "question": false, "revealed": false }] }, "revealed": "0", "finished": false, "user": "5ec9167173ed913a09121a95", "time": "00:10" }</pre> | | | | | | | | | | | | |
| Error Codes | <table><tr><td>305</td><td>flagCell Unexpected Error</td></tr><tr><td>306</td><td>flagCell Missing Parameters</td></tr><tr><td>307</td><td>flagCell Game Not Found</td></tr><tr><td>308</td><td>flagCell Invalid Coordinates</td></tr><tr><td>203</td><td>updateGame Unexpected Error</td></tr><tr><td>103</td><td>updateGame Unexpected Error</td></tr></table> | 305 | flagCell Unexpected Error | 306 | flagCell Missing Parameters | 307 | flagCell Game Not Found | 308 | flagCell Invalid Coordinates | 203 | updateGame Unexpected Error | 103 | updateGame Unexpected Error |
| 305 | flagCell Unexpected Error | | | | | | | | | | | | |
| 306 | flagCell Missing Parameters | | | | | | | | | | | | |
| 307 | flagCell Game Not Found | | | | | | | | | | | | |
| 308 | flagCell Invalid Coordinates | | | | | | | | | | | | |
| 203 | updateGame Unexpected Error | | | | | | | | | | | | |
| 103 | updateGame Unexpected Error | | | | | | | | | | | | |

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|-------------|--|
| Endpoint | POST /games/:id/question |
| Description | Sets a question on a specific game cell |
| Header | Authorization: Bearer <token> |
| Request | <pre>{ "x": 0, "y": 0, "time": "00:10" }</pre> |
| Response | <pre>{ "_id": "<id>", "rows": 2, </pre> |

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|-------------|---|
| | <pre>"columns": 2, "mines": 1, "field": [[{ "_id": "<cell-id>", "flagged": true, "mined": false, "question": true, "revealed": false }, { "_id": "<cell-id>", "flagged": false, "mined": false, "question": false, "revealed": false }], [{ "_id": "<cell-id>", "flagged": false, "mined": false, "question": false, "revealed": false }, { "_id": "<cell-id>", "flagged": false, "mined": true, "question": false, "revealed": false }]], "revealed": "0", "finished": false, "user": "5ec9167173ed913a09121a95" "time": "00:10" }</pre> |
| Error Codes | |

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|--|-----|----------------------------------|
| | 309 | questionCell Unexpected Error |
| | 310 | questionCell Missing Parameters |
| | 311 | questionCell Game Not Found |
| | 312 | questionCell Invalid Coordinates |
| | 203 | updateGame Unexpected Error |
| | 103 | updateGame Unexpected Error |

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| Endpoint | POST /games/:id/reveal |
| Description | Reveals a specific game cell |
| Header | Authorization: Bearer <token> |
| Request | <pre>{ "x": 0, "y": 0, "time": "00:10" }</pre> |
| Response | <pre>{ "_id": "<id>", "rows": 2, "columns": 2, "mines": 1, "field": [[{ "_id": "<cell-id>", "flagged": true, "mined": false, "question": true, "revealed": true, "adjacent_mines": 1 }, { "_id": "<cell-id>", "flagged": false, "mined": false, "question": false, </pre> |

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|-------------|--|-----|-----------------------------|-----|-------------------------------|-----|---------------------------|-----|--------------------------------|-----|-----------------------------|-----|-----------------------------|
| | <pre> "revealed": true, "adjacent_mines": 1 }], [{ "_id": "<cell-id>", "flagged": false, "mined": false, "question": false, "revealed": true, "adjacent_mines": 1 }, { "_id": "<cell-id>", "flagged": false, "mined": true, "question": false, "revealed": false }]], "revealed": "3", "finished": false, "user": "5ec9167173ed913a09121a95", "time": "00:10" }</pre> | | | | | | | | | | | | |
| Error Codes | <table><tr><td>313</td><td>revealCell Unexpected Error</td></tr><tr><td>314</td><td>revealCell Missing Parameters</td></tr><tr><td>315</td><td>revealCell Game Not Found</td></tr><tr><td>316</td><td>revealCell Invalid Coordinates</td></tr><tr><td>203</td><td>updateGame Unexpected Error</td></tr><tr><td>103</td><td>updateGame Unexpected Error</td></tr></table> | 313 | revealCell Unexpected Error | 314 | revealCell Missing Parameters | 315 | revealCell Game Not Found | 316 | revealCell Invalid Coordinates | 203 | updateGame Unexpected Error | 103 | updateGame Unexpected Error |
| 313 | revealCell Unexpected Error | | | | | | | | | | | | |
| 314 | revealCell Missing Parameters | | | | | | | | | | | | |
| 315 | revealCell Game Not Found | | | | | | | | | | | | |
| 316 | revealCell Invalid Coordinates | | | | | | | | | | | | |
| 203 | updateGame Unexpected Error | | | | | | | | | | | | |
| 103 | updateGame Unexpected Error | | | | | | | | | | | | |

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| Endpoint | DELETE /games/:id |
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| Description | Removes a specific game |
| Header | Authorization: Bearer <token> |
| Request | |
| Response | <pre>{ "_id": "<id>", "rows": 2, "columns": 2, "mines": 1, "field": [[{ "_id": "<cell-id>", "flagged": true, "mined": false, "question": true, "revealed": true, "adjacent_mines": 1 }, { "_id": "<cell-id>", "flagged": false, "mined": false, "question": false, "revealed": true, "adjacent_mines": 1 }], [{ "_id": "<cell-id>", "flagged": false, "mined": false, "question": false, "revealed": true, "adjacent_mines": 1 }, { "_id": "<cell-id>", "flagged": false, "mined": true, "question": false, "revealed": false }]] }</pre> |

| | | |
|-------------|---|------------------------------|
| | <pre> }]], "revealed": "3", "finished": false, "user": "5ec9167173ed913a09121a95", "time": "00:10" }</pre> | |
| Error Codes | | |
| | 317 | deleteGame Unexpected Error |
| | 204 | removeGame Unexpected Error |
| | 104 | remove Game Unexpected Error |