**APIs Documentation**

Users

|  |  |
| --- | --- |
| API name | |
| Create User | |
| Description | |
| Create User | |
| Request | |
| X-CSRF-TOKEN | <csrf token> |
| Endpoint | /user |
| Path Parameters | / |
| Method | post |
| Parameters | **username** (string): Username entered  **password** (string): Password entered  **email** (string): Email entered |
| Response | |
| Status Code | **200** - Success  Successfully created user |
| **400** - Fail  Error - {Error Encountered} |
| Payload |  |

|  |  |
| --- | --- |
| API name | |
| Update user | |
| Description | |
| Update user information | |
| Request | |
| X-CSRF-TOKEN | <csrf token> |
| Endpoint | /user |
| Path Parameters | /{id} |
| Method | put |
| Parameters | **username** (string): Username  **password** (string): Password  **email** (string): Email |
| Response | |
| Status Code | **200** - Success  Successfully updated user |
| **400** - Fail  Error - {Error Encountered} |
| Payload |  |

|  |  |
| --- | --- |
| API name | |
| Read User | |
| Description | |
| Get user by user id | |
| Request | |
| X-CSRF-TOKEN | <csrf token> |
| Endpoint | /user |
| Path Parameters | /{id} |
| Method | get |
| Parameters |  |
| Response | |
| Status Code | **200** - Success  Successfully return user information |
| **400** - Fail  Error - {Error Encountered} |
| Payload |  |

|  |  |
| --- | --- |
| API name | |
| Read user by username | |
| Description | |
| Get user information by username | |
| Request | |
| X-CSRF-TOKEN | <csrf token> |
| Endpoint | /user |
| Path Parameters | /username/{username} |
| Method | get |
| Parameters |  |
| Response | |
| Status Code | **200** - Success  Successfully return user information |
| Payload |  |

|  |  |
| --- | --- |
| API name | |
| List Users | |
| Description | |
| List all users | |
| Request | |
| X-CSRF-TOKEN | <csrf token> |
| Endpoint | / |
| Path Parameters |  |
| Method | get |
| Parameters | **order\_by** (string): the field name of the field to be ordered by  **order\_direction** (string): direction of the order (asc/desc)  **page** (int): page number  **items\_per\_page** (int): number of items to be shown in a page  **username** (string): username of the user  **email** (string): email of the user |
| Response | |
| Status Code | **200** - Success  Successfully get ticket information |
| **400** - Fail  Error - {Error Encountered} |
| Payload |  |

Tickets

|  |  |
| --- | --- |
| API name | |
| Create Ticket | |
| Description | |
| Create Ticket | |
| Request | |
| X-CSRF-TOKEN | <csrf token> |
| Endpoint | /ticket |
| Path Parameters | / |
| Method | post |
| Parameters | **user\_id** (int): User id of the user that needed to assign a ticket |
| Response | |
| Status Code | **200** - Success  Successfully created ticket |
| **400** - Fail  Error - {Error Encountered} |
| Payload |  |

|  |  |
| --- | --- |
| API name | |
| Read Ticket | |
| Description | |
| Get ticket information | |
| Request | |
| X-CSRF-TOKEN | <csrf token> |
| Endpoint | /ticket |
| Path Parameters | /{id} |
| Method | get |
| Parameters |  |
| Response | |
| Status Code | **200** - Success  Successfully get ticket information |
| **400** - Fail  Error - {Error Encountered} |
| Payload |  |

|  |  |
| --- | --- |
| API name | |
| Read Ticket By Ticket Number | |
| Description | |
| Get ticket information by ticket number | |
| Request | |
| X-CSRF-TOKEN | <csrf token> |
| Endpoint | /ticket |
| Path Parameters | /ticketNo/{ticketNo} |
| Method | get |
| Parameters |  |
| Response | |
| Status Code | **200** - Success  Successfully get ticket information |
| **400** - Fail  Error - {Error Encountered} |
| Payload |  |

|  |  |
| --- | --- |
| API name | |
| List Tickets | |
| Description | |
| List all tickets | |
| Request | |
| X-CSRF-TOKEN | <csrf token> |
| Endpoint | / |
| Path Parameters |  |
| Method | get |
| Parameters | **order\_by** (string): the field name of the field to be ordered by  **order\_direction** (string): direction of the order (asc/desc)  **page** (int): page number  **items\_per\_page** (int): number of items to be shown in a page  **is\_drawn** (boolean): the ticket has been drawn or not  **is\_win** (boolean): the ticket has won or not  **draw\_id** (int): the draw id  **user\_id** (int): the user id |
| Response | |
| Status Code | **200** - Success  Successfully get ticket information |
| **400** - Fail  Error - {Error Encountered} |
| Payload |  |

Draw

|  |  |
| --- | --- |
| API name | |
| Draw Ticket | |
| Description | |
| Create a draw and draw a ticket | |
| Request | |
| X-CSRF-TOKEN | <csrf token> |
| Endpoint | /drawTicket |
| Path Parameters |  |
| Method | get |
| Parameters |  |
| Response | |
| Status Code | **200** - Success  Successfully draw a ticket and create a draw |
| **400** - Fail  Error - {Error Encountered} |
| Payload |  |

|  |  |
| --- | --- |
| API name | |
| Read Draw | |
| Description | |
| Get draw information | |
| Request | |
| X-CSRF-TOKEN | <csrf token> |
| Endpoint | /draw |
| Path Parameters | /{id} |
| Method | get |
| Parameters |  |
| Response | |
| Status Code | **200** - Success  Successfully get draw information |
| **400** - Fail  Error - {Error Encountered} |
| Payload |  |

|  |  |
| --- | --- |
| API name | |
| List Draws | |
| Description | |
| List all draws information | |
| Request | |
| X-CSRF-TOKEN | <csrf token> |
| Endpoint | / |
| Path Parameters |  |
| Method | get |
| Parameters |  |
| Response | |
| Status Code | **200** - Success  Successfully list all draws information |
| **400** - Fail  Error - {Error Encountered} |
| Payload |  |