|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GET** | **/lotteries** | | | |
| Returns a list of lotteries/auctions data that match the specified query parameters. If there is no parameter, returns all lotteries/auctions. | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
|  | | carMake | Query | Filters the list of lotteries data to include only those with the specified car make. |
|  | | location | Query | Filters the list of lotteries data to include only those with the specified location. |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 | Successfully gets all lotteries/auctions | |
|  | | 401 | Unauthorized | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GET** | **/lotteries/:id** | | | |
| Returns the lottery/auctions data with the specified ID. | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
|  | | id | Path | The ID of the lottery data to retrieve. |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 | Successfully returns the lottery/auction that specified with ID. | |
|  | | 400 | Returns an error message which is "The provided ID is not a number!" | |
|  | | 401 | Unauthorized | |
|  | | 404 | Returns an error message which is "The lottery with the specified ID could not be found." | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GET** | **/lotteries/users/:id** | | | |
| Returns the lottery/auction associated with the user with the specified ID. | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
|  | | id | Path | The ID of the user whose associated lottery should be retrieved. |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 | Successfully returns the lottery/auction that specified with the user with the specified ID. | |
|  | | 400 | Returns an error message which is "The provided ID is not a number!" | |
|  | | 401 | Unauthorized | |
|  | | 404 | Returns an error message which is "The lottery with the user with specified ID could not be found" | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **POST** | **/lotteries** | | | |
| Adds a new lottery/auction data to the list of lottery/auction data. | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
|  | |  |  |  |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 201 | Successfully adds a lottery/auction | |
|  | | 401 | Unauthorized | |
|  | | 500 | Returns an error message which is "It couldn't be added." | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DELETE** | **/lotteries/:id** | | | |
| Deletes the lottery data with the specified ID. | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
|  | | id | path | The ID of the lottery data to delete. |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 | Successfully deleted the specified data | |
|  | | 400 | Bad Request. "The body is empty." | |
|  | | 400 | Returns an error message which is "The provided ID is not a number!" | |
|  | | 401 | Unauthorized | |
|  | | 404 | Returns an error message which is "The specified auction could not found!" | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PATCH** | **/lotteries/:id** | | | |
| Deletes the lottery data with the specified ID. | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
|  | | id | path | The ID of the lottery data to update. |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 | Successfully updated the specified data | |
|  | | 400 | Bad Request. "The body is empty." | |
|  | | 400 | Returns an error message which is "The provided ID is not a number!" | |
|  | | 401 | Unauthorized | |
|  | | 404 | Returns an error message which is "The specified auction could not be found!" | |

# USERS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GET** | **/users** | | | |
| Returns a list of users of the auction site. | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
|  | |  |  |  |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 | Successfully gets all users. | |
|  | | 401 | Unauthorized | |
|  | | 403 | Returns an error message which is "You are not admin." | |
|  | | 404 | Returns an error message which is "The user list is empty" | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **POST** | **/users** | | | |
| Adds a new user data to the list of users data. | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
|  | |  |  |  |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 201 | Successfully adds a user | |
|  | | 400 | Returns an error message which is " This username is already taken!" | |
|  | | 401 | Unauthorized | |
|  | | 500 | Returns an error message which is "It couldn't be added." | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **POST** | **/users/tokens** | | | |
| Generates an access token for a user with the specified username and password. | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
|  | |  |  |  |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 201 | Successfully generated a token for specified user. | |
|  | | 400 | Returns an error message which is "User cannot found! Please be sure you enter a valid username!" | |
|  | | 401 | Returns an error message which is "Oh, password is not correct! Try again! | |
|  | | 500 | Returns an error message which is "It could not be generated." | |

# BIDS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GET** | **/bids** | | | |
| Returns a list of all bids. | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
|  | |  |  |  |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 | Successfully gets all bids. | |
|  | | 401 | Unauthorized | |
|  | | 403 | Returns an error message which is "You are not admin." | |
|  | | 404 | Returns an error message which is "The bids list is empty." | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GET** | **/bids/:id** | | | |
| Returns the bid with the specified ID. | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
|  | | id | Path | The ID of the bid data to retrieve. |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 | Successfully returns the bid that specified with ID. | |
|  | | 400 | Returns an error message which is "The provided ID is not a number!" | |
|  | | 401 | Unauthorized | |
|  | | 404 | Returns an error message which is "The bid with the specified ID could not be found." | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **POST** | **/bids** | | | |
| Adds a new bid data to the list of users data. | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
|  | |  |  |  |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 201 | Successfully adds a user | |
|  | | 401 | Unauthorized | |
|  | | 500 | Returns an error message which is "It couldn't be added." | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GET** | **/bids/users/:id** | | | |
| Returns the bid made by the user with the specified ID. | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
|  | | id | Path | The ID of the user who made the bid. |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 | Successfully returns the bid that specified with the user with the specified ID. | |
|  | | 400 | Returns an error message which is "The provided ID is not a number!" | |
|  | | 401 | Unauthorized | |
|  | | 404 | Returns an error message which is "The bid with the user with specified ID could not be found" | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GET** | **/bids/auctions/:id** | | | |
| Returns all bids made on the auction with the specified ID. | | | | |
|  | | | | |
| **Parameters:** | | **Name** | **Type** | **Description** |
|  | | id | Path | The ID of the auction. |
| **Responses:** | | **Code** | **Description / example if successful** | |
|  | | 200 | Successfully returns the bid that specified with the auction with the specified ID. | |
|  | | 400 | Returns an error message which is "The provided ID is not a number!" | |
|  | | 401 | Unauthorized | |
|  | | 404 | Returns an error message which is "The bid with auction ID could not be found" | |