## POST /register

Register a new user to the system.

*Request description*

|  |  |  |
| --- | --- | --- |
| username | string | Publicly visible username |
| password | string | Your own secret password |

*Request body example*

{

"username":"example\_user",

"password": "example\_password"

}

*Response example*

Status codes

|  |  |
| --- | --- |
| 201 | User created successfully |
| 400 | Missing or incorrect data in the request |

Response data structure description

|  |  |  |
| --- | --- | --- |
| status | string | Shows the status |

*Response body example*

{

"status": "User created"

}

## GET /login

Login an user to the system.

*Request description*

|  |  |  |
| --- | --- | --- |
| username | string | Publicly visible username |
| password | string | Password to access the service |

*Request body example*

{

"username":"example\_user",

"password": "example\_password"

}

*Response example*

Statues codes

|  |  |
| --- | --- |
| 201 | User logged in |
| 400 | Missing or incorrect data in the request |

Response data structure description

|  |  |  |
| --- | --- | --- |
| token | string | A JSON web token assigned to the user with userinfo as payload |

*Response body example*

{

"token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7ImlkIjoxLCJ1c2VybmFtZSI6InRlc3RlciJ9LCJpYXQiOjE1ODI2NDgxNTAsImV4cCI6MTU4MjY0ODE4MH0.rFprhhMaRcv6Aa6FQujq223r-0DscRreyZaAjnT0Dcg "

}

## GET /listings

Get all listings. No sent requests.

*Response example*

Status codes

|  |  |
| --- | --- |
| 200 | Found listings |
| 400 | Couldn’t find any listings |

Response data structure description

|  |  |  |
| --- | --- | --- |
| everylisting | array | JSON array with the found listing objects |

*Response body example*

{

"everylisting": [

{

"id": 1,

"title": "Sofa",

"description": "Brown leather sofa in mint condition",

"category": "Furniture",

"location": "Kaukovainio, Oulu",

"images": "image.jpg",

"price": 98,

"date": "2020-01-12T14:20:05.568Z",

"delivery": "Pickup",

"seller": "example\_user ",

"userId": 1,

},

{

"id": 2,

"title": "BMW 530",

"description": "300 000km driven, 3.0 liter diesel",

"category": "Cars",

"location": "Tuira, Oulu",

"images": "image.jpg",

"price": 4000,

"date": "2020-02-23T22:20:05.151Z",

"delivery": "Pickup"’

"seller": "matti\_meikalainen",

"userId": 2

}

]

}

## POST /listings

Add a new listing to the system. Users can access this method with JWT.

*Request description*

|  |  |  |
| --- | --- | --- |
| username | string | Username of the seller (taken from auth header) |
| userId | number | The id of the seller (taken from the auth header) |
| title | string | Title of the listing |
| description | string | Description about the listing |
| category | string | Category of the listing |
| location | string | Location of the listing |
| images | image | Images of the listing |
| price | number | Asking price |
| date | string | Date when the listing was posted |
| delivery | string | How the listing will be delivered |

*Request body example*

{

"title":"Sofa",

"description": "Brown leather sofa in mint condition",

"category": "Furniture",

"location": "Kaukovainio, Oulu",

"images": "image.jpg",

"price": 98,

"date": "1990-01-15",

"delivery": "Pickup"

}

*Response example*

Status codes

|  |  |
| --- | --- |
| 201 | Post created |
| 400 | Missing or incorrect data in the request |

Response data structure description

|  |  |  |
| --- | --- | --- |
| status | string | Status of the listing |

*Response body example*

{

"status": "Listing created"

}

## PATCH /listings/:id

Edit a listing. Users can access this method with JWT. They can only edit their own listings. They can edit how many fields they want.

*Request description*

|  |  |  |
| --- | --- | --- |
| userId | number | Id of the user (taken from auth header) |
| listingId | number | Id of the listing |
| title | string | Title of the listing |
| description | string | Description of the listing |
| category | string | Category of the listing |
| images | string | Images of the listing |
| delivery | string | Delivery type of the listing |

*Request body example*

{

"userId”:1

"listingId": 1

}

*Response example*

Statues codes

|  |  |
| --- | --- |
| 201 | Listing edited succesfully |
| 400 | Missing or incorrect data in the request |

Response data structure description

|  |  |  |
| --- | --- | --- |
| edit | object | JSON object with the edited listing in it |

*Response body example*

{

"edit": {

"id": 2,

"title": "BMW 530",

"description": "310 000km driven, 3.0 liter diesel",

"category": "Cars",

"location": "Tuira, Oulu",

"images": "image.jpg",

"price": 3500,

"date": "2020-02-23T22:20:05.151Z",

"delivery": "Pickup"’

"seller": "matti\_meikalainen",

"userId": 2

}

}

## DELETE /listing/:id (DOESN’T WORK CORRECTLY IN THE CURRENT VERSION)

Delete a listing. Users can access this method with JWT. They can only delete their own listings.

*Request description*

|  |  |  |
| --- | --- | --- |
| username | string | Publicly visible username |
| listingid | number | Id of the listing |

*Request body example*

{

"username":"example\_user",

"listingid": 908762

}

*Response example*

Status codes

|  |  |
| --- | --- |
| 201 | Listing deleted succesfully |
| 400 | Missing or incorrect data in the request |

Response data structure description

|  |  |  |
| --- | --- | --- |
|  |  |  |

*Response body example*

{

"":

}

## GET /listingsearch

Search for listings by using either category, location or date.

*Request description*

|  |  |  |
| --- | --- | --- |
| category | string | Searchword for categories |
|  | OR |  |
| location | string | Searchword for locations |
|  | OR |  |
| date | string | Searchword for dates |

*Request body example*

{

"category": "Furniture"

}

*Response example*

Status codes

|  |  |
| --- | --- |
| 200 | Found listings |
| 400 | Couldn’t find listings |

Response data structure description

|  |  |  |
| --- | --- | --- |
| cat | array | JSON array with the found listing objects |

*Response body example*

{

"cat": [

{

"id": 1,

"title":"Sofa",

"description": "Brown leather sofa in mint condition",

"category": "Furniture",

"location": "Kaukovainio, Oulu",

"images": "image.jpg",

"price": 98,

"date": "2020-01-12T14:20:05.568Z",

"delivery": "Pickup"’

"userId": 1

}

]

}