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# Auth

## Login

### api

|  |  |  |
| --- | --- | --- |
| Method | URI | Description |
| POST | /auth/tokens | Authenticate |

### Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Style | Type | Description |
| None |  |  |  |

### Request body

{  
 **"email"**: **"xxx"**,  
 **"password"**: **"xxx"**}

### Response body

{  
 **"token"**: **"xxxxxxx"**,  
 **"user"**: {  
 **"id"**: **"58bc8a7d-469e-11e6-bf08-208984f5a994"**,  
 **"email"**: **"499208150@qq.com"**,  
 **"firstname"**: **"kevin"**,  
 **"lastname"**: **"decided"**,  
 **"roles"**: [  
 {  
 **"id"**: 1,  
 **"description"**: **"admin"**,  
 **"reference"**: 1  
 },  
 {  
 **"id"**: 2,  
 **"description"**: **"VIP"**,  
 **"reference"**: 2  
 }  
 ]  
 }  
}

### Error response code

|  |  |
| --- | --- |
| HTTP status code | Description |
| 200 | OK |
| 400 | Bad request. Incorrect request body |
| 401 | Unauthorized. That is, wrong email-pwd pair |
| 404 | User not found |
| 500 | Problems when execute |

## Logout

### api

|  |  |  |
| --- | --- | --- |
| Method | URI | Description |
| DELETE | /auth/tokens | Expire token |

### Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Style | Type | Description |
| None |  |  |  |

### Request body

None

### Response body

None

### Error response code

|  |  |
| --- | --- |
| HTTP status code | Description |
| 204 | No content |
| 401 | Unauthorized. Check token failed. |
| 500 | Problems when execute |

## Register

### api

|  |  |  |
| --- | --- | --- |
| Method | URI | Description |
| POST | /auth/register | Register a new user |

### Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Style | Type | Description |
| None |  |  |  |

### Request body

{  
 **"email"**: **"xxx"**,  
 **"firstname"**: **"xxx"**,  
 **"lastname"**: **"xxx"**,  
 **"password"**: **"xxx"**}

### Response body

None

### Error response code

|  |  |
| --- | --- |
| HTTP status code | Description |
| 200 | OK |
| 400 | Bad request. Incorrect request body |
| 409 | User conflict |
| 500 | Problems when execute |

## Validate registration

### api

|  |  |  |
| --- | --- | --- |
| Method | URI | Description |
| GET | /auth/register | Validate the registration information represented by $hashCode |

### Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Style | Type | Description |
| hashCode | Query | String | A hash code is generated after a registration information committed. Then it is stored in Redis as well as packed into a url, sending to the email address. |

### Request body

None

### Response body

None

### Error response code

|  |  |
| --- | --- |
| HTTP status code | Description |
| 200 | OK. That is, the registration information will be put into database. |
| 400 | Bad request. No query parameter ‘code’ |
| 404 | hashCode not exists. It is caused by an incorrect or expired hashCode |
| 500 | Problems when execute |