1. **Allergy API**
2. **Get**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **GET** | api/allergy | | |
| Type | Params | Values | Description |
| HEADER | **Email** | string | Email which is used for accessing server api. |
| HEADER | **Password** | string | Password of email |
| HEADER | **Accept-Language** | string | Language which messages sent from server will be formatted.   * Default : **en-US** |
| URL | **Id** | int | Id of allergy |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Allergy": {  "Id": 0,  "Name": "",  "Cause": "",  "Note": "",  "Created": "",  "LastModified": "",  "Owner": 0  }  } |
| **401**  No email or password contained in request header. Front-end should redirect user to login page. | {  "Error": "W012"  } |
| **401**  Account has been disabled. | {  "Error": "W002"  } |
| **401**  Account is pending. | {  "Error": "W001"  } |
| **403**  Account is not allowed to access the function. | {  "Error": "W013"  } |
| **404**  Record is not found. | {  "Error": "W006"  } |

1. **Create**
   * Request

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| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/allergy | | |
| Type | Params | Values | Description |
| HEADER | **Email** | string | Email which is used for accessing server api. |
| HEADER | **Password** | string | Password of email |
| HEADER | **Accept-Language** | string | Language which messages sent from server will be formatted.   * Default : **en-US** |
| BODY | **Name** | string | Name of allergy   * **Required** * **Max length: 32** |
| BODY | **Cause** | string | What patient is addictive with.   * **Required.** * **Max length: 128** |
| BODY | **Note** | string | Note of addiction.   * **Optional.** * **Max length: 128** |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Allergy": {  "Id": 0,  "Name": "",  "Cause": "",  "Note": "",  "Created": ""  }  } |
| **400**  Request parameters are invalid. | {  "Errors": ["", "", ""]  } |
| **401**  No email or password contained in request header. Front-end should redirect user to login page. | {  "Error": "W012"  } |
| **401**  Account has been disabled. | {  "Error": "W002"  } |
| **401**  Account is pending. | {  "Error": "W001"  } |
| **403**  Account is not allowed to access the function. | {  "Error": "W013"  } |

1. **Edit**
   * Request

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| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **PUT** | api/allergy | | |
| Type | Params | Values | Description |
| HEADER | **Email** | string | Email which is used for accessing server api. |
| HEADER | **Password** | string | Password of email |
| HEADER | **Accept-Language** | string | Language which messages sent from server will be formatted.   * Default : **en-US** |
| URL | **Id** | int | Id of allergy note. |
| BODY | **Name** | string | Name of allergy   * **Optional.** * **Max length: 32** |
| BODY | **Cause** | string | What patient is addictive with.   * **Optional.** * **Max length: 128** |
| BODY | **Note** | string | Note of addiction.   * **Optional.** * **Max length: 128** |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Allergy": {  "Id": 0,  "Name": "",  "Cause": "",  "Note": "",  "Created": "",  "LastModified": ""  }  } |
| **400**  Request parameters are invalid. | {  "Errors": ["", "", ""]  } |
| **401**  No email or password contained in request header. Front-end should redirect user to login page. | {  "Error": "W012"  } |
| **401**  Account has been disabled. | {  "Error": "W002"  } |
| **401**  Account is pending. | {  "Error": "W001"  } |
| **403**  Account is not allowed to access the function. | {  "Error": "W013"  } |
| **404**  Record is not found. | {  "Error": "W006"  } |

1. **Delete**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **DELETE** | api/allergy | | |
| Type | Params | Values | Description |
| HEADER | **Email** | string | Email which is used for accessing server api. |
| HEADER | **Password** | string | Password of email |
| HEADER | **Accept-Language** | string | Language which messages sent from server will be formatted.   * Default : **en-US** |
| URL | **Id** | int | Id of allergy note. |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | No content returned |
| **401**  No email or password contained in request header. Front-end should redirect user to login page. | {  "Error": "W012"  } |
| **401**  Account has been disabled. | {  "Error": "W002"  } |
| **401**  Account is pending. | {  "Error": "W001"  } |
| **403**  Account is not allowed to access the function. | {  "Error": "W013"  } |
| **403**  Request is forbidden due to the requester doesn’t have any relationship with the owner of records. | {  "Error": "W019"  } |
| **404**  Record is not found. | {  "Error": "W006"  } |
| **500**  Something wrong with server. Tell client to try again or contact with admin. | {  "Error": "W021"  } |

1. **Filter**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **DELETE** | api/allergy/filter | | |
| Type | Params | Values | Description |
| HEADER | **Email** | string | Email which is used for accessing server api. |
| HEADER | **Password** | string | Password of email |
| HEADER | **Accept-Language** | string | Language which messages sent from server will be formatted.   * **Default** : **en-US** |
| BODY | **Owner** | int | Owner of addiction notes that the requester wants to see.   * **Optional** * **Default** : null (the requester wants to see his/her notes) |
| BODY | **Name** | string | Name of allergy.   * **Optional** |
| BODY | **Cause** | string | What patient is addictive with.   * **Optional** |
| BODY | **Note** | string | Note of addiction.   * **Optional** |
| BODY | **MinCreated** | double | Time after which note was created.   * **Optional** * **Year** > 1916 |
| BODY | **MaxCreated** | double | Time before which note had been created.   * **Optional** * **Year** > 1916 |
| BODY | **MinLastModified** | double | Time after which note was modified.   * **Optional** * **Year** > 1916 |
| BODY | **MaxLastModified** | double | Time before which note had been modified.   * **Optional** * **Year** > 1916 |
| BODY | **Sort** | int | Property which is used for sorting.   * 1: **Created** * 2: **Last modified (default)** |
| BODY | **Direction** | int | Whether record should be sorted ascendingly or decendingly.   * 0: **Ascending** * 1: **Decending (default)** |
| BODY | **Page** | int | Index of page which is used for displaying records.   * **Min: 0 (default)** |
| BODY | **Records** | int | Number of records per page.   * **Min: 1** * **Max: 20 (default)** |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Addictions": [  {  "Id": 0,  "Cause": "",  "Note": "",  "Created": 0,  "LastModified": 0,  "Owner": 0  }  ],  "Total": 0  } |
| **400**  Request parameters are invalid. | {  "Errors": ["", "", ""]  } |
| **401**  No email or password contained in request header. Front-end should redirect user to login page. | {  "Error": "W012"  } |
| **401**  Account has been disabled. | {  "Error": "W002"  } |
| **401**  Account is pending. | {  "Error": "W001"  } |
| **403**  Account is not allowed to access the function. | {  "Error": "W013"  } |
| **403**  Requester doesn’t have any relationship with the owner of allergies. | {  "Error": "W019"  } |
| **500**  Something wrong with server. Tell client to try again or contact with admin. | {  "Error": "W021"  } |