1. **Find diary**
2. **Get**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **GET** | api/diary | | |
| 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 diary note. |
|  | | | |
| Role | * Doctor | | |
| Use case | * Only doctor can see his own diary. | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Diary": {  "Id": 0,  "Owner": 0,  "Note": "",  "Time": 0,  "Created": 0,  "LastModified": 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"  } |
| **500**  There is something wrong with server. |  |

1. **Create**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/diary | | |
| 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 | **Time** | double | Time when note is about   * **Required** * **Year > 1916** |
| BODY | **Note** | string | Note information.   * **Required.** * **Max length: 512** |
|  | | | |
| Role | * Doctor | | |
| Use case | * Only doctor can create diary. | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Diary": {  "Id": 0,  "Owner": 0,  "Note": "",  "Time": 0,  "Created": 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**  There is no relationship between the doctor and patient. | {  "Error": "W019"  } |
| **403**  Medical record owner is not found. The account has been disabled|pending | {  "Error": "W023"  } |
| **500**  There is something wrong with the server. |  |

1. **Edit**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **PUT** | api/diary | | |
| 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 | **Time** | double | Time when diary is noted about.   * **Optional** * **Year > 1916** |
| BODY | **Note** | string | Note information.   * **Optional** * **Max length: 512** |
|  | | | |
| Role | * Doctor | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Diary": {  "Id": 0,  "Owner": 0,  "Note": "",  "Time": 0,  "Created": 0,  "LastModified": 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**  Medical record owner is not active. Perhaps the account is disabled or pending. | {  "Error": "W019"  } |
| **404**  Medical note is not found | {  "Error": "W006"  } |
| **500**  Internal server error |  |

1. **Delete**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/diary | | |
| 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 or diary |
|  | | | |
| Role | * Doctor | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** |  |
| **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"  } |
| **500**  Internal server error. |  |

1. **Filter**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/diary/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 | **MinTime** | double | Time after which note was prescripted.   * **Year > 1916** * **<= MaxTime** * **Optional** |
| BODY | **MaxTime** | double | Time before which note had been prescripted.   * **Year > 1916** * **>= MinTime** * **Optional** |
| BODY | **MinCreated** | double | Time after which note was created.   * **Year > 1916** * **<= MaxCreated** * **Optional** |
| BODY | **MaxCreated** | double | Time before which note had been created.   * **Year > 1916** * **>= MinCreated** * **Optional** |
| BODY | **MinLastModified** | double | Time after which note was modified.   * **Year > 1916** * **<= MaxLastModified** * **Optional** |
| BODY | **MaxLastModified** | double | Time before which note had been modified.   * **Year > 1916** * **>= MaxLastModified** * **Optional** |
| BODY | **Note** | string | Note information   * **Max length: 512** * **Optional** |
| BODY | **Sort** | int | Which property should be used for sorting.   * **0: Time** * **1: Created (defaul)** * **2: Last modified** |
| BODY | **Direction** | int | Whether properties should be sorted ascendingly or decendingly.   * **0: Ascendingly** * **1: Decendingly (default)** |
| BODY | **Page** | int | Index of result page   * **Min : 0 (default)** |
| BODY | **Records** | int | Number of records per page   * **Min : 1** * **Max : 20** |
|  | | | |
| Role | * Doctor | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Diaries": [  {  "Id": 0,  "Owner": 0,  "Note": "",  "Time": 0,  "Created": 0,  "LastModified": 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"  } |
| **500**  Internal server error. |  |