1. **Mecial record API**
2. **Get**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **GET** | api/medical/record | | |
| 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 medical record |
|  | | | |
| Role | * Patient * Doctor | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "MedicalRecord": {  "Id": 0,  "Summary": "",  "Tests": "",  "AdditionalMorbidities": "",  "DifferentialDiagnosis": "",  "OtherPathologies": "",  "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"  } |

1. **Create**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/medical/record | | |
| 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 | Target user who the newly created medical record should belong to.   * **Null** : the requester **(default)** * **Optional** |
| BODY | **Summary** | string | Summary of medical record.   * **Optional** * **Max length : 128** |
| BODY | **Tests** | string | Tests which are neccessary to be done.   * **Optional** * **Max length : 128** |
| BODY | **AdditionalMorbidities** | string | * **Optional** * **Max length : 128** |
| BODY | **DifferentialDiagnosis** | string | * **Optional** * **Max length : 128** |
| BODY | **OtherPathologies** | string | * **Optional** * **Max length : 128** |
| BODY | **Time** | double | * **Time when the record is created.** * **Year > 1916** * **Required** |
|  | | | |
| Role | * Patient * Doctor | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "MedicalRecord": {  "Id": 0,  "Summary": "",  "Tests": "",  "AdditionalMorbidities": "",  "DifferentialDiagnosis": "",  "OtherPathologies": "",  "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**  The requester doesn’t have any relationships with the owner of medical record. | {  "Error": "W019"  } |
| **403**  There are 2 situations that this error code will be thrown back: | {  "Error": "W022"  }   * **Doctor creates medical record for him/herself (Doctor can only create medical record for patient he/she is providing treatment.** * **Patient creates medical record for another person. (Patient can only create medical record for him/herself).** |
| **403**  Owner of medical record is not found or not active. | {  "Error": "W023"  } |

1. **Edit**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/medical/record | | |
| 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 medical record. |
| BODY | **Summary** | string | Summary of medical record.   * **Optional** * **Max length : 128** |
| BODY | **Tests** | string | Tests which are neccessary to be done.   * **Optional** * **Max length : 128** |
| BODY | **AdditionalMorbidities** | string | * **Optional** * **Max length : 128** |
| BODY | **DifferentialDiagnosis** | string | * **Optional** * **Max length : 128** |
| BODY | **OtherPathologies** | string | * **Optional** * **Max length : 128** |
| BODY | **Time** | double | * **Time when the record is created.** * **Year > 1916** * **Optional** |
|  | | | |
| Role | * Patient * Doctor | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "MedicalRecord": {  "Id": 0,  "Summary": "",  "Tests": "",  "AdditionalMorbidities": "",  "DifferentialDiagnosis": "",  "OtherPathologies": "",  "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**  The requester doesn’t have any relationships with the owner of medical record. | {  "Error": "W019"  } |
| **403**  Owner of medical record is not found or not active. | {  "Error": "W023"  } |

1. **Filter**
   * Request

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

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "MedicalRecord": {  "Id": 0,  "Summary": "",  "Tests": "",  "AdditionalMorbidities": "",  "DifferentialDiagnosis": "",  "OtherPathologies": "",  "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**  The requester doesn’t have any relationships with the owner of medical record. | {  "Error": "W019"  } |
| **403**  Owner of medical record is not found or not active. | {  "Error": "W023"  } |