1. **Prescripted medicine API**
2. **Create**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/medical/prescription/medicine | | |
| 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 | **Prescription** | int | Id of prescription which medicine should belong to.   * **Required** |
| BODY | **Medicine** | string | Name of medicine.   * **Name of medicine.** * **Max length : 32.** |
| BODY | **Quantity** | double | How much medicine should be taken.   * **Required** * **> 0** |
| BODY | **Unit** | string | Unit of medicine   * **Required** * **Max length : 16** |
| BODY | **Note** | string | Note of medicine.   * **Optional.** * **Max length: 128** |
|  | | | |
| Role | * Patient * Doctor | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "PrescriptedMedicine": {  "Id": 0,  "Prescription": 0,  "Owner": 0,  "Medicine": "",  "Quantity": 0,  "Unit": "",  "Note": ""  }  } |
| **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"  } |
| **403**  Prescription is expired. | {  "Error": "W025"  } |

1. **Filter**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/medical/prescription/medicine/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 | **Prescription** | int | Id of prescription which contains medicines.   * **Optional** |
| BODY | **Owner** | int | Id of medicine owner   * **Optional** * **Null : Filter medicines of request sender.** |
| BODY | **Medicine** | string | Name of medicine   * **Optional** |
| BODY | **MinQuantity** | double | Quantity which medicine quantity must be higher or equal   * **Optional** |
| BODY | **MaxQuantity** | double | Quantity which medicine quantity must be lower or equal   * **Optional** |
| BODY | **MinExpired** | double | Time after which medicine should be expired.   * **Optional** |
| BODY | **MaxExpired** | double | Time before which medicine should have been expired.   * **Optional** |
| BODY | **Unit** | double | Unit of medicine. |
| BODY | **Sort** | int | What property should be used for sorting.   * **0: Name of medicine** * **1: Quantity** * **2 : Expired** |
| BODY | **Direction** | int | Whether properties should be sorted ascendingly or decendingly (Medicine name). |
| 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** | {  "MedicalRecords": [  {  "Id": 0,  "Summary": "",  "Tests": "",  "AdditionalMorbidities": "",  "DifferentialDiagnosis": "",  "OtherPathologies": "",  "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"  } |
| **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"  } |