1. **Mecial image API**
2. **Create**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/medical/image | | |
| 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 | **MedicalRecord** | int | Id of medical record.   * **Required** |
| BODY | **File** | HttpFile | Image of medical record. |
|  | | | |
| Role | * Patient * Doctor | | |
| Use case | * Doctor & patient can create medical record image. * Doctors can only create medical record image for their patients, cannot create for themselves | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "MedicalImage": {  "Id": 0,  "MedicalRecord": 0,  "Creator": 0,  "Owner": 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**  Owner of medical record is not found or not active. | {  "Error": "W023"  } |
| **404**  Medical record not found. | {  "Error": "W003"  } |
| **500**  Something is wrong with the server. Tell client to try again. |  |

1. **Delete**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/medical/image | | |
| 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 image. |
|  | | | |
| Role | * Patient * Doctor | | |
| Use case | * Only medical record image owner can delete the image. | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** |  |
| **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"  } |
| **500**  Something is wrong with the server. Tell client to try again. |  |

1. **Filter**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/medical/image/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 | **Partner** | int | Who is included in medical record (can be Doctor or Patient)   * **Optional** |
| BODY | **MedicalRecord** | int | Id of medical record.   * **Required** |
| BODY | **MinCreated** | double | Time after which medical image was created.   * **Optional** * **Year > 1916** * **<= MaxCreated** |
| BODY | **MaxCreated** | double | Time before which medical image had been created.   * **Optional** * **Year > 1916** * **>= MinCreated** |
| BODY | **Direction** | int | Whether properties should be sorted ascendingly or decendingly (time). |
| 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 | | |
| Use case | * Patient & doctor can only filter the list of medical record images that he/she is included in. | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "MedicalImages": [  {  "Id": 0,  "Created": 0,  "Image": "",  "Owner": 0,  "MedicalRecord": 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**  There is something wrong with server |  |