1. **Relationship request**
2. **Find**
   * Request

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

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "RelationshipRequest": {  "Id": 0,  "Source": {  "Id": 0,  "FirstName": "",  "LastName": "",  "Photo": ""  },  "Target": {  "Id": 0,  "FirstName": "",  "LastName": "",  "Photo": ""  },  "Created": 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**  No relationship request is not found. | {  "Error": "W006"  } |
| **500**  Internal server error. |  |

1. **Create**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/relationship/request | | |
| Type | Params | Values | Description |
| HEADER | **Accept-Language** | string | Language which error messages will be formated.  **Default**: en-US |
| HEADER | **Email** | string | Email which is used for accessing server api. |
| HEADER | **Password** | string | Password of email |
| BODY | **Target** | int | Id of person who requester wants to create a relationship.   * **Required** |
| BODY | **Content** | string | Message of relationship request.   * **Required** * **Max length: 128** |

* + 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"  } |
| **409**  Record is conflict. | {  "Error": "W016"  } |
| **500**  Internal server error. |  |

1. **Confirm**
   * Request

|  |  |
| --- | --- |
| **Method** | **Url** |
| **PUT** | api/relationship/request/confirm |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Params** | **Values** | **Description** |
| HEADER | **Accept-Language** | string | Language which error messages will be formated.  **Default**: en-US |
| HEADER | **Email** | string | Email which is used for accessing server api. |
| HEADER | **Password** | string | Password of email |
| URL | **Id** | int | Id of relationship |

1. 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"  } |
| **404**  Relationship request is not found. | {  "Error": "W006"  } |
| **500**  Internal server error. |  |

1. **Delete**
   * Request

|  |  |
| --- | --- |
| **Method** | **Url** |
| **DELETE** | api/relationship/request |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Params** | **Values** | **Description** |
| HEADER | **Accept-Language** | string | Language which error messages will be formated.  **Default**: en-US |
| HEADER | **Email** | string | Email which is used for accessing server api. |
| HEADER | **Password** | string | Password of email |
| URL | **Id** | int | Id of relationship |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | (No content) |
| **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**  Request is not found. | {  "Error": "W006"  } |
| **500**  Internal server error. |  |

1. **Filter relationship requests**
   * Request

|  |  |
| --- | --- |
| **Method** | **Url** |
| **POST** | api/relationship/request/filter |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Params** | **Values** | **Description** |
| HEADER | **Accept-Language** | string | Language which error messages will be formated.  **Default**: en-US |
| HEADER | **Email** | string | Email which is used for accessing server api. |
| HEADER | **Password** | string | Password of email |
| BODY | **Partner** | int | Who is included in the relationship request   * If the requester is a patient, partner will be the ID of doctor (target of relationship) * If the requester is a doctor, partner will be the ID of patient (source of relationship) |
| BODY | **Content** | string | Content of relationship request.   * **Optional (default: take all)** * **Max length : 128** |
| BODY | **MinCreated** | double | Time after which the relationship request was created.   * **Optional (default: take all)** * **Year > 1916** * **<= MaxCreated** |
| BODY | **MaxCreated** | double | Time after which .relationship request had been created   * **Optional (default: take all)** * **Year > 1916** * **>= MinCreated** |
| BODY | **MinLastModified** | double | Time after which the relationship request was modified.   * **Optional (default: take all)** * **Year > 1916** * **<= MaxLastModified** |
| BODY | **MaxLastModified** | double | Time after which .relationship request had been modified   * **Optional (default: take all)** * **Year > 1916** * **>= MinLastModified** |
| BODY | **Page** | int | Index of result page   * **Min : 0 (default)** * **Optional** |
| BODY | **Records** | int | Number of records can be displayed on page   * **Min : 1** * **Max : 20 (default)** * **Optional** |

* + Request

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "RelationshipRequests": [  {  "Id": 0,  "Content": "",  "Source": {  "Id": 0,  "FirstName": "",  "LastName": "",  "Photo": "",  "Address": "",  "Phone": ""  },  "Target": {  "Id": 0,  "FirstName": "",  "LastName": "",  "Photo": ""  },  "Created": 0  }  ],  "Total": 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"  } |
| **500**  Internal server error. |  |

1. **Filter relationships**
   * Request

|  |  |
| --- | --- |
| **Method** | **Url** |
| **POST** | api/relationship/filter |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Params** | **Values** | **Description** |
| HEADER | **Accept-Language** | string | Language which error messages will be formated.  **Default**: en-US |
| HEADER | **Email** | string | Email which is used for accessing server api. |
| HEADER | **Password** | string | Password of email |
| BODY | **Partner** | int | Who takes part in the relationship   * **Optional** |
| BODY | **Mode** | int | Whether relationship should focus on requester role or not.   * **0: Source** * **1: Target** * **Null : All relationship requester takes part in** |
| BODY | **MinCreated** | double | Time after which relationship was created   * **Optional** * **Year > 1916** * **<= MaxCreated** |
| BODY | **MaxCreated** | double | Time before which relationship had been created   * **Optional** * **Year > 1916** * **>= MinCreated** |
| BODY | **Status** | int | Status of relationship   * **0: Pending** * **1: Active** * **Null : all** |
| BODY | **Page** | int | Index of result page   * **Min : 0 (default)** * **Optional** |
| BODY | **Records** | int | Number of records can be displayed on page   * **Min : 1** * **Max : 20 (default)** * **Optional** |

* + Request

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Relationships": [  {  "Id": 0,  "Source": {  "Id": 0,  "FirstName": "",  "LastName": "",  "Photo": ""  },  "Target": {  "Id": 0,  "FirstName": "",  "LastName": "",  "Photo": ""  },  "Created": 0,  "Status": 0  }  ],  "Total": 0  } |
| **400**  Request parameters are invalid. | {  "Error": ["","","",""]  } |
| **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"  } |