1. **Relationship**
2. **Create**
   * Request

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

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Relationship": {  "Id": 0,  "Source": {  "Id": 0,  "FirstName": "",  "LastName": ""  },  "Target": {  "Id": 0,  "FirstName": "",  "LastName": ""  },  "Type": 0,  "Created": 0,  "Status": 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**  **W015** shows that target is not found. | {       "**Error**":"W015" } |
| **409**  **W016** shows that the relation between 2 people has already been created before. | {       "**Error**":"W016" } |

1. **Confirm**
   * Request

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

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| --- | --- | --- | --- |
| **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 | **Id** | int | Id of relationship |

1. Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Relationship": {  "Id": 0,  "Source": {  "Id": 0,  "FirstName": "",  "LastName": ""  },  "Target": {  "Id": 0,  "FirstName": "",  "LastName": ""  },  "Type": 0,  "Created": 0,  "Status": 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**  **W015 shows that target is not found.** | {       "Error":"W015" } |

1. **Delete**
   * Request

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

|  |  |  |  |
| --- | --- | --- | --- |
| **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**  Relationship is not found**.** | {       "Error":"W006" } |

1. **Filter related doctors**
   * Request

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

|  |  |  |  |
| --- | --- | --- | --- |
| **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 | **Status** | int | Status of relationship.   * **Optional (default: take all)** * **0: Pending** * **1: Active** |
| 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": [  {  "Doctor": {  "Id": 0,  "FirstName": "",  "LastName": "",  "Specialty": {  "Id": 0,  "Name": ""  },  "Rank": 0,  "Address": "",  "Photo": ""  },  "Status": 0,  "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"  } |

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"  } |