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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method** | | **Url** | | |
| **POST** | | api/account/relation | | |
| 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** | {  "Relation": {  "Id": 0,  "Source": 0,  "Target": 0,  "Type": 0,  "Created": 0,  "Status": 0  }  } |
| **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/account/confirmRelation |

|  |  |  |  |
| --- | --- | --- | --- |
| **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** | {  "Relation": {  "Id": 0,  "Source": 0,  "Target": 0,  "Type": 0,  "Created": 0,  "Status": 0  }  } |
| **404**  **W015 shows that target is not found.** | {       "Error":"W015" } |

1. **Delete**
   * Request

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method** | | **Url** | | |
| **DELETE** | | api/sugarblood | | |
| Type | Params | | Values | Description |
| HEADER | **Email** | | string | Email which is used for accessing server api. |
| HEADER | **Password** | | string | Password of email |
| URL | **Id** | | int | Id of sugarblood note   * **Required** * **Default : 0** |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | **No content returned** |
| **400** | {       "**Errors**":[         "Invalid "     ] } |
| **401** | {       "**Error**":{  ""     } } |
| **403** | {       "**Error**":{  ""     } } |
| **404** | {       "**Error**":{  ""     } } |
| **500** | {       "**Error**":{  ""     } } |

1. **Get**
   * Request

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method** | | **Url** | | |
| **GET** | | api/sugarblood | | |
| Type | Params | | Values | Description |
| HEADER | **Email** | | string | Email which is used for accessing server api. |
| HEADER | **Password** | | string | Password of email |
| URL | **Id** | | int | Id of heartbeat note   * **Required** * **Default : 0** |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Sugarblood": {  "Id": 0,  "Value": 0,  "Time": 0,  "Note": "",  "Created": 0,  "LastModified": 0  }  } |
| **400** | {       "**Errors**":[         "Invalid "     ] } |
| **401** | {       "**Error**":{  ""     } } |
| **403** | {       "**Error**":{  ""     } } |
| **404** | {       "**Error**":{  ""     } } |
| **409** | {       "**Error**":{  ""     } } |

1. **Filter**
   * Request

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method** | | **Url** | | |
| **POST** | | api/sugarblood/filter | | |
| Type | Params | | Values | Description |
| HEADER | **Email** | | string | Email which is used for accessing server api. |
| HEADER | **Password** | | string | Password of email |
| BODY | **MinValue** | | double | Minimum rate of heart. |
| BODY | **MaxValue** | | double | Maximum rate of heart. |
| BODY | **MinTime** | | double | Time after which measurement was done |
| BODY | **MaxTime** | | double | Time before which measurement had been done |
| BODY | **MinCreated** | | double | Time after which note was created. |
| BODY | **MaxCreated** | | double | Time before which note had been created. |
| BODY | **MinLastModified** | | double | Time after which note was modified. |
| BODY | **MaxLastModified** | | double | Time before which note had been modified. |
| BODY | **Note** | | string | Content of note. |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "Sugarbloods": [  {  "Id": 0,  "Value": 0,  "Time": 0,  "Note": "",  "Created": 0,  "LastModified": 0  }  ],  "Total": 0  } |
| **400** | {       "**Errors**":[         "Invalid "     ] } |
| **401** | {       "**Error**":{  ""     } } |
| **403** | {       "**Error**":{  ""     } } |
| **404** | {       "**Error**":{  ""     } } |