1. **Categories API**
2. **Get**
   * Request

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| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **GET** | api/category | | |
| Type | Params | Values | Description |
| HEADER | **Authorization** | string | Access token which should be used for accessing into system. |
| URL | **id** | int | Id of appointment |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "category":{  "id": "int",  "name": "string",  "created": "double",  "lastModified": "double?"  }  } |
| **404**  Record is not found. | {  "Error": "W006"  } |

1. **Create**
   * Request

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| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/category | | |
| Type | Params | Values | Description |
| HEADER | **Authorization** | string | Token which is used for accessing into system. |
| BODY | **name** | string | Name of category.   * **Required.** |

* + Response

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| --- | --- |
| Status | Content |
| **200** | {  "category":{  "id": "int",  "name": "string",  "created": "double"  }  } |
| **409**  Record is duplicated | {  message: "RECORD\_DUPLICATED"  } |

1. **Edit**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **PUT** | api/category | | |
| Type | Params | Values | Description |
| HEADER | **Authorization** | string | Token which is used for accessing into system. |
| URL | **id** | int | Id of category.   * **Required.** |
| BODY | **name** | string | Name of category.   * **Required.** |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "category":{  "id": "int",  "name": "string",  "created": "double",  "lastModified": "double?"  }  } |
| **404**  No category is found in database. | {  "message": "CATEGORY\_NOT\_FOUND"  } |
| **409**  Category name is duplicated. | {  "message": "RECORD\_DUPLICATED"  } |

1. **Filter**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/category/filter | | |
| Type | Params | Values | Description |
| HEADER | **Authorization** | string | Token which is used for accessing into system. |
| BODY | **name** | string | Name of category   * Max : 64 * Optional |
| BODY | **nameComparision** | int | Whether name should be filtered partially or fully.   * 0: Contain * 1: Equal * 2: Equal ignore case |
| BODY | **minCreated** | double? | Time after which category was created.   * Optional |
| BODY | **maxCreated** | double? | Time before which category had been created.   * Optional |
| BODY | **minLastModifed** | double? | Time after which category was lastly modified.   * Optional |
| BODY | **maxLastModified** | double? | Time before which category had been modified.   * Optional |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "categories":[{  "id": "int",  "name": "string",  "created": "double",  "lastModified": "double?"  }]  } |