­

**Project Assignments**

**STPL 1**

**API DOCUMENTATION**

Table of Contents

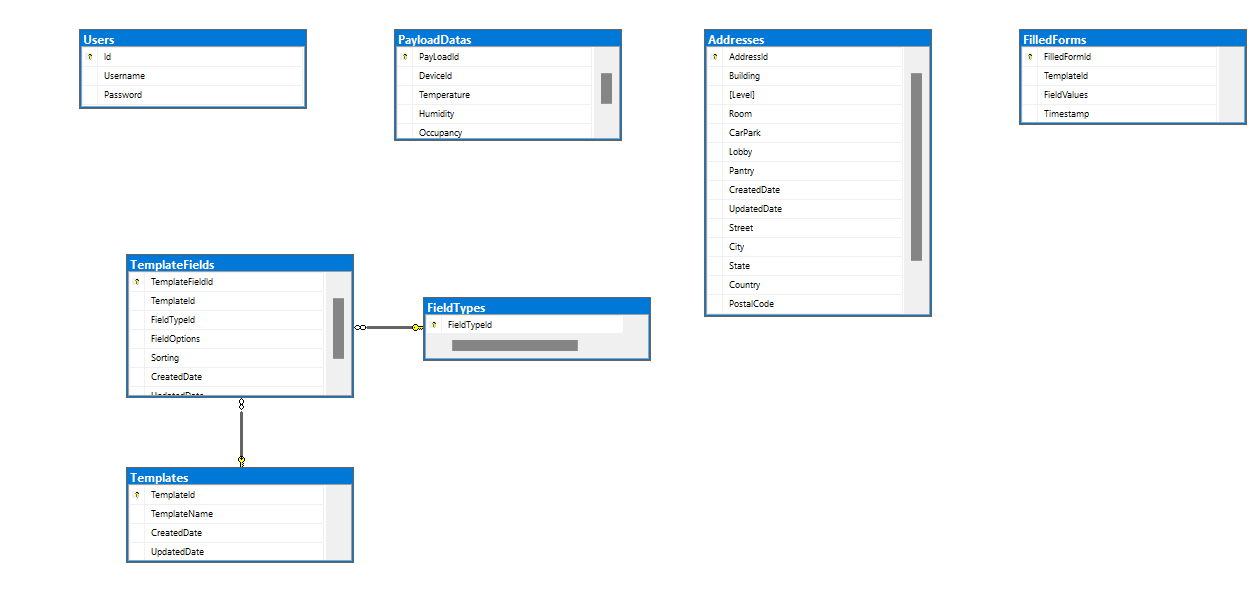
[Chapter (1) – Over All About OFFICE HEALTH TRACKER 4](#_Toc161016544)

[Chapter (2) – Technology Usage 4](#_Toc161016545)

[Chapter (3) – Start Project 4](#_Toc161016546)

[Chapter (4) – Generate Token 4](#_Toc161016547)

[Chapter (5) – Database Structure 5](#_Toc161016548)

[ 5](#_Toc161016549)

[Chapter (6) – Defined Log Path 5](#_Toc161016550)

[Chapter (7) – API Documentation 5](#_Toc161016551)

[FieldType 5](#_Toc161016552)

[FieldType 5](#_Toc161016553)

[GetById 6](#_Toc161016554)

[**Add** 7](#_Toc161016555)

[**EDIT** 8](#_Toc161016556)

[**DELETE** 9](#_Toc161016557)

[Template 9](#_Toc161016558)

[Template 9](#_Toc161016559)

[GetById 10](#_Toc161016560)

[**Add** 11](#_Toc161016561)

[**EDIT** 14](#_Toc161016562)

[**DELETE** 17](#_Toc161016563)

[Address 18](#_Toc161016564)

[Address 18](#_Toc161016565)

[GetById 19](#_Toc161016566)

[**Add** 20](#_Toc161016567)

[**EDIT** 21](#_Toc161016568)

[**DELETE** 23](#_Toc161016569)

[Payload 23](#_Toc161016570)

[Payload 23](#_Toc161016571)

[**Add** 24](#_Toc161016572)

# Chapter (1) – Over All About **OFFICE HEALTH TRACKER**



# Chapter (2) – Technology Usage

* .net core 3.0
* JWT Token
* Redis (ready to used)
* SingnalR (new feature)
* Microsoft Extension Log
* Clean Architecture

# Chapter (3) – Start Project

* go to package manager console and default project to “OfficeHealthTracker.Infrastructure”
* reconfigure database connection in appsettings.json
* migrate update-database in package manager console

# Chapter (4) – Generate Token

* Please login using any Username and password
* JWT Token will response and note it

# Chapter (5) – Database Structure

# 

# Chapter (6) – Defined Log Path

* Replace with your local pc path in appsettings.json
* "LogFile": "C:\\HTT\\InterView\\STPL Technical Assessment\\OfficeTrackerLog.txt"

# Chapter (7) – API Documentation

* After login , you can start to get data of fieldtype by using token
* Base URL is [**https://localhost:\*\*\*\*\*\*/**](https://localhost:******/)

# FieldType

|  |  |
| --- | --- |
| GetAll | **FieldType** |
| ROUTE | Api/fieldtype |
| METHOD | GET |
| URL | https://localhost:44366/ api/fieldtype |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST |  |
| RESPONSE | {      "success": **true**,      "messageStatus": 0,      "message": "All field types retrieved successfully.",      "generateNo": **null**,      "returnValue": **null**,      "data": {          "fieldType": [              {                  "fieldTypeId": "3d986c86-321f-427c-8624-1b8f513c4203",                  "typeName": "DropDown"              },              {                  "fieldTypeId": "29460c45-7226-4fea-be84-28a74920ff3b",                  "typeName": "Radio"              },              {                  "fieldTypeId": "480874ca-c054-4d1a-9832-74ada72cd4f6",                  "typeName": "CheckBox"              },              {                  "fieldTypeId": "c649547c-70be-49fb-883b-9189433b7d65",                  "typeName": "TextBox"              }          ]      }  } |

## GetById

|  |  |
| --- | --- |
| ROUTE | Api/fieldtype/ById |
| METHOD | GET |
| URL | https://localhost:44366/ api/fieldtype/3d986c86-321f-427c-8624-1b8f513c4203 |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST |  |
| RESPONSE | {      "success": **true**,      "messageStatus": 0,      "message": "All field types retrieved successfully.",      "generateNo": **null**,      "returnValue": **null**,      "data": {          "fieldType":              {                  "fieldTypeId": "3d986c86-321f-427c-8624-1b8f513c4203",                  "typeName": "DropDown"              }      }  } |

## **Add**

|  |  |
| --- | --- |
| ROUTE | Api/fieldtype/add |
| METHOD | POST |
| URL | https://localhost:44366/ api/fieldtype/ add |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST | {    "fieldTypeId": "3d986c86-321f-427c-8624-1b8f513c4245",    "typeName": "TextArea"  } |
| RESPONSE | {      "success": **true**,      "messageStatus": 0,      "message": "Field type created successfully.",      "generateNo": **null**,      "returnValue": **null**,      "data": {          "fieldTypeId": "ee46fa72-325e-4eec-9a83-c267862cec73",          "typeName": "TextArea"      }  } |

## **EDIT**

|  |  |
| --- | --- |
| ROUTE | Api/fieldtype/update |
| METHOD | PUT |
| URL | https://localhost:44366/ api/fieldtype/ update |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST | {    "fieldTypeId": "ee46fa72-325e-4eec-9a83-c267862cec73",    "typeName": "TextArea"  } |
| RESPONSE | {      "success": **true**,      "messageStatus": 0,      "message": "Field type updated successfully.",      "generateNo": **null**,      "returnValue": **null**,      "data": {          "fieldTypeId": "ee46fa72-325e-4eec-9a83-c267862cec73",          "typeName": "TextArea"      }  } |

## **DELETE**

|  |  |
| --- | --- |
| ROUTE | Api/fieldtype/delete/{id} |
| METHOD | DELETE |
| URL | https://localhost:44366/ api/fieldtype/ delete/ ee46fa72-325e-4eec-9a83-c267862cec73 |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST |  |
| RESPONSE | {      "success": **true**,      "messageStatus": 0,      "message": "Field type deleted successfully.",      "generateNo": **null**,      "returnValue": **null**,      "data": **null**  } |

# Template

|  |  |
| --- | --- |
| GetAll | **Template** |
| ROUTE | api/template |
| METHOD | GET |
| URL | https://localhost:44366/ api/template |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST |  |
| RESPONSE | {  "success": true,  "messageStatus": 0,  "message": "All templates retrieved successfully.",  "generateNo": null,  "returnValue": null,  "data": {  "template": [  {  "templateId": "63e13712-b9b7-4e8d-a8b4-1bb36635856d",  "templateName": "Health Declaration Form",  "createdDate": "0001-01-01T00:00:00",  "updatedDate": "0001-01-01T00:00:00"  },  {  "templateId": "e9a033cb-3999-4815-906f-792a51e9e0b0",  "templateName": "Health Declaration COVID-19 Form",  "createdDate": "0001-01-01T00:00:00",  "updatedDate": "0001-01-01T00:00:00"  }  ]  }  } |

## GetById

|  |  |
| --- | --- |
| ROUTE | api/template/{id} |
| METHOD | GET |
| URL | https://localhost:44366/ api/ template /63e13712-b9b7-4e8d-a8b4-1bb36635856d |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST |  |
| RESPONSE | {  "success": true,  "messageStatus": 0,  "message": "All templates retrieved successfully.",  "generateNo": null,  "returnValue": null,  "data": {  "template": {  "templateId": "63e13712-b9b7-4e8d-a8b4-1bb36635856d",  "templateName": "Health Declaration Form",  "createdDate": "0001-01-01T00:00:00",  "updatedDate": "0001-01-01T00:00:00"  }  }  } |

## **Add**

|  |  |
| --- | --- |
| ROUTE | api/template/add |
| METHOD | POST |
| URL | https://localhost:44366/api/template/add |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST | {  "template": {  "templateName": "Health Declaration Form",  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  "fieldList": {  "templateField": [  {  "fieldTypeId": "C649547C-70BE-49FB-883B-9189433B7D65",  "fieldOptions": "{\"label\":\"Name\",\"defaultValue\":\"\"}",  "sorting": 1,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "C649547C-70BE-49FB-883B-9189433B7D65",  "fieldOptions": "{\"label\":\"Business Email\",\"defaultValue\":\"\"}",  "sorting": 2,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "C649547C-70BE-49FB-883B-9189433B7D65",  "fieldOptions": "{\"label\":\"Company Name\",\"defaultValue\":\"\"}",  "sorting": 3,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "C649547C-70BE-49FB-883B-9189433B7D65",  "fieldOptions": "{\"label\":\"Designation\",\"defaultValue\":\"\"}",  "sorting": 4,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "C649547C-70BE-49FB-883B-9189433B7D65",  "fieldOptions": "{\"label\":\"Business Number\",\"defaultValue\":\"\"}",  "sorting": 5,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "C649547C-70BE-49FB-883B-9189433B7D65",  "fieldOptions": "{\"label\":\"Licnese Plate\",\"defaultValue\":\"\"}",  "sorting": 6,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "C649547C-70BE-49FB-883B-9189433B7D65",  "fieldOptions": "{\"label\":\"NRIC-FIN Number (Last 4 characters)\",\"defaultValue\":\"\"}",  "sorting": 7,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "29460C45-7226-4FEA-BE84-28A74920FF3B",  "fieldOptions": "{\"label\":\"1. Are you currently under a Quarantine Order Stay-Home Notice?\",\"defaultValue\":\"Yes,No\"}",  "sorting": 8,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "29460C45-7226-4FEA-BE84-28A74920FF3B",  "fieldOptions": "{\"label\":\"2. Have you had close contact with a confirmed COVID-19 case in the past 14 days\",\"defaultValue\":\"Yes,No\"}",  "sorting": 9,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "29460C45-7226-4FEA-BE84-28A74920FF3B",  "fieldOptions": "{\"label\":\"2. Do you have any fever or flu-like symptoms?\",\"defaultValue\":\"Yes,No\"}",  "sorting": 10,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "480874CA-C054-4D1A-9832-74ADA72CD4F6",  "fieldOptions": "{\"label\":\"By completing this online form, I acknowledge .......access control and safety purposes\"}",  "sorting": 11,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  }  ]  }  } |
| RESPONSE | {  "success": true,  "messageStatus": 0,  "message": "Template created successfully.",  "generateNo": null,  "returnValue": null,  "data": {  "templateId": "63e13712-b9b7-4e8d-a8b4-1bb36635856d",  "templateName": "Health Declaration Form",  "createdDate": "2024-03-10T23:12:01.9223271+06:30",  "updatedDate": "2024-03-11T00:00:00"  }  } |

## **EDIT**

|  |  |
| --- | --- |
| ROUTE | Api/template/update |
| METHOD | PUT |
| URL | https://localhost:44366/ api/template/ Update |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST | {  "template": {  "templateId": "63e13712-b9b7-4e8d-a8b4-1bb36635856d", "templateName": "Health Declaration Form",  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  "fieldList": {  "templateField": [  {  "fieldTypeId": "C649547C-70BE-49FB-883B-9189433B7D65",  "fieldOptions": "{\"label\":\"Name\",\"defaultValue\":\"\"}",  "sorting": 1,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "C649547C-70BE-49FB-883B-9189433B7D65",  "fieldOptions": "{\"label\":\"Business Email\",\"defaultValue\":\"\"}",  "sorting": 2,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "C649547C-70BE-49FB-883B-9189433B7D65",  "fieldOptions": "{\"label\":\"Company Name\",\"defaultValue\":\"\"}",  "sorting": 3,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "C649547C-70BE-49FB-883B-9189433B7D65",  "fieldOptions": "{\"label\":\"Designation\",\"defaultValue\":\"\"}",  "sorting": 4,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "C649547C-70BE-49FB-883B-9189433B7D65",  "fieldOptions": "{\"label\":\"Business Number\",\"defaultValue\":\"\"}",  "sorting": 5,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "C649547C-70BE-49FB-883B-9189433B7D65",  "fieldOptions": "{\"label\":\"Licnese Plate\",\"defaultValue\":\"\"}",  "sorting": 6,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "C649547C-70BE-49FB-883B-9189433B7D65",  "fieldOptions": "{\"label\":\"NRIC-FIN Number (Last 4 characters)\",\"defaultValue\":\"\"}",  "sorting": 7,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "29460C45-7226-4FEA-BE84-28A74920FF3B",  "fieldOptions": "{\"label\":\"1. Are you currently under a Quarantine Order Stay-Home Notice?\",\"defaultValue\":\"Yes,No\"}",  "sorting": 8,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "29460C45-7226-4FEA-BE84-28A74920FF3B",  "fieldOptions": "{\"label\":\"2. Have you had close contact with a confirmed COVID-19 case in the past 14 days\",\"defaultValue\":\"Yes,No\"}",  "sorting": 9,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "29460C45-7226-4FEA-BE84-28A74920FF3B",  "fieldOptions": "{\"label\":\"2. Do you have any fever or flu-like symptoms?\",\"defaultValue\":\"Yes,No\"}",  "sorting": 10,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  },  {  "fieldTypeId": "480874CA-C054-4D1A-9832-74ADA72CD4F6",  "fieldOptions": "{\"label\":\"By completing this online form, I acknowledge .......access control and safety purposes\"}",  "sorting": 11,  "createdDate": "2024-03-11T00:00:00",  "updatedDate": "2024-03-11T00:00:00"  }  ]  }  } |
| RESPONSE | {  "success": true,  "messageStatus": 0,  "message": "Template Update successfully.",  "generateNo": null,  "returnValue": null,  "data": {  "templateId": "63e13712-b9b7-4e8d-a8b4-1bb36635856d",  "templateName": "Health Declaration Form",  "createdDate": "2024-03-10T23:12:01.9223271+06:30",  "updatedDate": "2024-03-11T00:00:00"  }  } |

## **DELETE**

|  |  |
| --- | --- |
| ROUTE | Api/template/delete/{id} |
| METHOD | DELETE |
| URL | https://localhost:44366/ api/template/ delete/ 63e13712-b9b7-4e8d-a8b4-1bb36635856d |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST |  |
| RESPONSE | {      "success": **true**,      "messageStatus": 0,      "message": "Template deleted successfully.",      "generateNo": **null**,      "returnValue": **null**,      "data": **null**  } |

# Address

|  |  |
| --- | --- |
| GetAll | **Address** |
| ROUTE | api/address |
| METHOD | GET |
| URL | https://localhost:44366/ api/address |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST |  |
| RESPONSE | {      "success": **true**,      "messageStatus": 0,      "message": "All addresses retrieved successfully.",      "generateNo": **null**,      "returnValue": **null**,      "data": {          "address": [              {                  "addressId": "23721487-96bb-430a-92ef-c76ce5411c5b",                  "building": "123",                  "level": "5",                  "room": "A",                  "carPark": "B1",                  "lobby": "Main",                  "pantry": "Kitchen",                  "createdDate": "2024-03-11T02:00:15.1752906",                  "updatedDate": "2024-03-11T10:30:00",                  "street": **null**,                  "city": **null**,                  "state": **null**,                  "country": **null**,                  "postalCode": **null**,                  "latitude": 0,                  "longitude": 0              }          ]      }  } |

## GetById

|  |  |
| --- | --- |
| ROUTE | api/template/{id} |
| METHOD | GET |
| URL | https://localhost:44366/api/address/23721487-96bb-430a-92ef-c76ce5411c5b |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST |  |
| RESPONSE | {      "success": **true**,      "messageStatus": 0,      "message": "Address found.",      "generateNo": **null**,      "returnValue": **null**,      "data": {          "addressId": "23721487-96bb-430a-92ef-c76ce5411c5b",          "building": "123",          "level": "5",          "room": "A",          "carPark": "B1",          "lobby": "Main",          "pantry": "Kitchen",          "createdDate": "2024-03-11T02:00:15.1752906",          "updatedDate": "2024-03-11T10:30:00",          "street": **null**,          "city": **null**,          "state": **null**,          "country": **null**,          "postalCode": **null**,          "latitude": 0,          "longitude": 0      }  } |

## **Add**

|  |  |
| --- | --- |
| ROUTE | api/template/add |
| METHOD | POST |
| URL | https://localhost:44366/api/template/add |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST | {  "Building": "123",  "Level": "5",  "Room": "A",  "CarPark": "B1",  "Lobby": "Main",  "Pantry": "Kitchen",  "CreatedDate": "2024-03-11T10:00:00",  "UpdatedDate": "2024-03-11T10:30:00",  "Street": "Example Street",  "City": "Example City",  "State": "Example State",  "Country": "Example Country",  "PostalCode": "12345",  "Latitude": 123.456,  "Longitude": -123.456  } |
| RESPONSE | {      "success": **true**,      "messageStatus": 0,      "message": "Address added successfully.",      "generateNo": **null**,      "returnValue": **null**,      "data": {          "addressId": "23721487-96bb-430a-92ef-c76ce5411c5b",          "building": "123",          "level": "5",          "room": "A",          "carPark": "B1",          "lobby": "Main",          "pantry": "Kitchen",          "createdDate": "2024-03-11T02:00:15.1752906+06:30",          "updatedDate": "2024-03-11T10:30:00",          "street": "Example Street",          "city": "Example City",          "state": "Example State",          "country": "Example Country",          "postalCode": "12345",          "latitude": 123.456,          "longitude": -123.456      }  } |

## **EDIT**

|  |  |
| --- | --- |
| ROUTE | Api/template/update |
| METHOD | PUT |
| URL | https://localhost:44366/ api/template/ Update |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST | {          "addressId": "23721487-96bb-430a-92ef-c76ce5411c5b",  "Building": "123",  "Level": "5",  "Room": "A",  "CarPark": "B1",  "Lobby": "Main",  "Pantry": "Kitchen",  "CreatedDate": "2024-03-11T10:00:00",  "UpdatedDate": "2024-03-11T10:30:00",  "Street": "Example Street",  "City": "Example City",  "State": "Example State",  "Country": "Example Country",  "PostalCode": "12345",  "Latitude": 123.456,  "Longitude": -123.456  } |
| RESPONSE | {      "success": **true**,      "messageStatus": 0,      "message": "Address update successfully.",      "generateNo": **null**,      "returnValue": **null**,      "data": {          "addressId": "23721487-96bb-430a-92ef-c76ce5411c5b",          "building": "123",          "level": "5",          "room": "A",          "carPark": "B1",          "lobby": "Main",          "pantry": "Kitchen",          "createdDate": "2024-03-11T02:00:15.1752906+06:30",          "updatedDate": "2024-03-11T10:30:00",          "street": "Example Street",          "city": "Example City",          "state": "Example State",          "country": "Example Country",          "postalCode": "12345",          "latitude": 123.456,          "longitude": -123.456      }  } |

## **DELETE**

|  |  |
| --- | --- |
| ROUTE | Api/template/delete/{id} |
| METHOD | DELETE |
| URL | https://localhost:44366/ api/template/ delete/ 23721487-96bb-430a-92ef-c76ce5411c5b |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST |  |
| RESPONSE | {      "success": **true**,      "messageStatus": 0,      "message": "Address deleted successfully.",      "generateNo": **null**,      "returnValue": **null**,      "data": **null**  } |

# Payload

|  |  |
| --- | --- |
| GetAll | **Payload** |
| ROUTE | api/address |
| METHOD | GET |
| URL | https://localhost:44366/ api/address |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST |  |
| RESPONSE | {      "success": **true**,      "messageStatus": 0,      "message": "All addresses retrieved successfully.",      "generateNo": **null**,      "returnValue": **null**,      "data": {          "address": [              {                  "addressId": "23721487-96bb-430a-92ef-c76ce5411c5b",                  "building": "123",                  "level": "5",                  "room": "A",                  "carPark": "B1",                  "lobby": "Main",                  "pantry": "Kitchen",                  "createdDate": "2024-03-11T02:00:15.1752906",                  "updatedDate": "2024-03-11T10:30:00",                  "street": **null**,                  "city": **null**,                  "state": **null**,                  "country": **null**,                  "postalCode": **null**,                  "latitude": 0,                  "longitude": 0              }          ]      }  } |

## **Add**

|  |  |
| --- | --- |
| ROUTE | api/template/add |
| METHOD | POST |
| URL | https://localhost:44366/api/template/add |
| HEADER | Bearer token “eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJIVHNkZlQiLCJqdGkiOiI4NzEyZGY2Ni02MzI3LTRmMDItYmQxYi1jZWYwNDM0NzE5MDAiLCJleHAiOjE3MTAxMDA3ODQsImlzcyI6IkJvb2tTdG9yZSIsImF1ZCI6IkN1c3RvbWVyIn0.x1hdmSTs6TLPlVElVceS0XQgOPVFld5o2\_ooEHrmQtg” |
| REQUEST | {  "deviceId": "ibm-878A66",  "deviceType": "computer1.0.0",  "deviceName": "VN1-1-3",  "groupId": "847b3b2f1b05dc4",  "dataType": "DATA",  "data": {  "fullPowerMode": **false**,  "activePowerControl": **false**,  "firmwareVersion": 1,  "temperature": 21,  "humidity": 53  },  "timestamp": 1629369697  } |
| RESPONSE | {      "success": **true**,      "messageStatus": 0,      "message": "payload created successfully.",      "generateNo": **null**,      "returnValue": **null**,      "data": {          "deviceId": "ibm-878A66",          "deviceType": "computer1.0.0",          "deviceName": "VN1-1-3",          "groupId": "847b3b2f1b05dc4",          "dataType": "DATA",          "data": {              "temperature": 21,              "humidity": 53,              "occupancy": **false**          },          "timestamp": 1629369697      }  } |