|  |  |
| --- | --- |
| Base Uri | api.iot-smartfactory.net |
| Authorization | Bearer token |
| superAdmin employee | ID : [a-andli@microsoft.com](mailto:a-andli@microsoft.com)  Passwrod : andy1234 |

**Login**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Method** | **Uri** | **Input** | **Status** | **Output** | **Note** |
| Post | /token | x-www-form-urlencoded  {  "grant\_type" : "password",  "email" : "string required",  "password" : "string required",  "role" : "admin or superadmin or device required"  } | 200 | {  "access\_token": "long string",  "token\_type": "bearer",  "expires\_in": 86399  } |  |
| 400 | {  "error": "Authentication Fail",  "error\_description": "Incomplete parameters"  } | 參數有誤 |
| 400 | {  "error": "Authentication Fail",  "error\_description": "Authentication Fail."  } | 驗證失敗 |

**Refcultureinfo**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Method** | **Uri** | **Input** | **Status** | **Output** | **Note** |
| Get | /admin-api/refcultureinfo |  | 200 | [  {  "CultureCode": " zh-TW ",  "Name": " Chinese "  }  ] |  |

**Employee (Authorize)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Method** | **Uri** | **Input** | **Status** | **Output** | **Note** |
| Get | /admin-api/Employee |  | 200 | [  {  "Id": 1,  "CompanyId": 1,  "EmployeeNumber": "35435",  "FirstName": "cheryl",  "LastName": "hsu",  "Email": "email",  "PhotoURL": "url",  "AdminFlag": false  },  ] | Filter: Only DeletedFlag = false |
| Get | /admin-api/Employee/Company/2 |  | 200 | [  {  "Id": 1,  "CompanyId": 2,  "EmployeeNumber":"329877510",  "FirstName": "Andy",  "LastName": "Li",  "Email": "a-andli@microsoft.com",  "PhotoURL": "url",  "AdminFlag": false  },  {  "Id": 2,  "CompanyId": 2,  "EmployeeNumber": "32475901",  "FirstName":"Walker",  "LastName": "Lin",  "Email": "a-walin@microsoft.com",  "PhotoURL": "url",  "AdminFlag": false  }  ] | 列出此公司下所有員工 |
| 400 |  | 公司Id不存在 |
| Get | /admin-api/Employee/2 |  | 200 | {  "Id": 2,  "CompanyId": 1,  "EmployeeNumber": "35435",  "FirstName": "cheryl",  "LastName": "hsu",  "Email": "email",  "PhotoURL": "url",  "AdminFlag": false  } |  |
| 404 |  | 員工Id不存在 |
| Post | /admin-api/Employee | x-www-form-urlencoded  {  "CompanyId": "int required",  "EmployeeNumber": "string",  "Password": "string required",  "FirstName": "string",  "LastName": "string",  "Email": "string required",  "AdminFlag": "bool required"  } | 200 | {  "Id": 2  } |  |
| 400 | Invalid data | 資料格式不符 |
| 500 |  | 新增失敗 |
| Put | /admin-api/Employee/2/image | Form-data  {  "image": "file required"  } | 200 |  | 上傳圖片並更改PhotoUrl |
| 400 | {  "Message": "Wrong extension name"  } |  |
| 400 | {  "Message": "File is empty"  } |  |
| 500 |  |  |
| Put | /admin-api/Employee/2 | x-www-form-urlencoded  {  "CompanyId": "int required",  "EmployeeNumber": "string",  "Password": "string required",  "FirstName": "string",  "LastName": "string",  "Email": "string required",  "AdminFlag": "bool required"  } | 200 | Success |  |
| 400 | Invalid data |  |
| 404 |  | Id不存在 |
| 500 |  |  |
| Delete | /admin-api/Employee/2 |  | 200 | Success | DeleteFlag : false => true |
| 404 |  | Id不存在 |
| 500 |  | 刪除失敗 |
| Get | /admin-api/Employee/2/Role |  |  | {  "UserRoleId": 2,  "UserRoleName": "role2"  },  {  "UserRoleId": 3,  "UserRoleName": "Default"  }  ] | 員工角色 |
| Post | /admin-api/Employee/2/Role | x-www-form-urlencoded  {  "UserRoleId": "array"  } | 200 |  |  |
| 400 |  |  |
| 500 | Exception |  |
| Put | /admin-api/Employee/2/Role | x-www-form-urlencoded  {  "UserRoleId": "array"  } | 200 |  | Include Delete |
| 400 |  |  |
| 500 | Exception |  |
| Put | /admin-api/Employee/2  /changepassword | x-www-form-urlencoded  {  "OldPassword": "string required",  "NewPassword": "string required"  } | 200 | Success | 更改員工密碼 |
| 400 | Invalid data |  |
| 401 |  | 密碼驗證失敗 |
| 500 |  | 密碼更改失敗 |

**Company (Authorize)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Method** | **Uri** | **Input** | **Status** | **Output** | **Note** |
| Get | /admin-api/Company |  | 200 | [  {  "Id": 1,  "Name": "Microsoft",  "ShortName": "MS",  "Address": "address",  "CompanyWebSite": "website",  "ContactName": "name",  "ContactPhone": "phone",  "ContactEmail": "email",  "LogoURL": "LogoURL",  "Latitude": 190,  "Longtitude": 0,  "CultureInfoId": "zh-tw",  "CultureInfoName": "Chinese"  }  ] | Filter: Only DeletedFlag = false |
| Get | /admin-api/Company/2 |  | 200 | {  "Id": 2,  "Name": "Google",  "ShortName": "g", "Address": "address",  "CompanyWebSite": "website",  "ContactName": "contactname",  "ContactPhone": "phone",  "ContactEmail": "email",  "LogoURL": "url",  "Latitude": 29,  "Longtitude": 12,  "CultureInfoId": "zh-tw",  "CultureInfoName": "Chinese"  } |  |
| 404 |  | ID不存在 |
| Post | /admin-api/Company | x-www-form-urlencoded  {  "Name": "string",  "ShortName": "string", "Address": "string",  "CompanyWebSite": "string",  "ContactName": "string",  "ContactPhone": "string",  "ContactEmail": "string",  "Latitude": "double",  "Longitude": "double",  "CultureInfoId": "string"  } | 200 | {  "Id": 2  } |  |
| 500 |  | 新增失敗 |
| 400 | Invalid data | 資料格式不符 |
| Put | /admin-api/Company/2/image | Form-data  {  "image": "file required"  } | 200 |  | 上傳圖片並更改LogoUrl |
| 400 | {  "Message": "Wrong extension name"  } |  |
| 400 | {  "Message": "File is Empty"  } |  |
| 500 |  |  |
| Put | /admin-api/Company/2 | x-www-form-urlencoded  {  "Name": "string",  "ShortName": "string", "Address": "string",  "CompanyWebSite": "string",  "ContactName": "string",  "ContactPhone": "string",  "ContactEmail": "string",  "Latitude": "double",  "Longitude": "double",  "CultureInfoId": "string"  } | 200 | Success |  |
| 404 |  | Id不存在 |
| 400 | Invalid data |  |
| 500 |  | 修改失敗 |
| Delete | /admin-api/Company/2 |  | 200 | Success | DeleteFlag : false => true |
| 404 |  | Id不存在 |
| 500 |  | 刪除失敗 |

**UserRole(Authorize)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Method** | **Uri** | **Input** | **Status** | **Output** | **Note** |
| Get | /admin-api/UserRole |  | 200 | [  {  "Id": 2,  "CompanyId": 1,  "Name": "role2"  },  {  "Id": 3,  "CompanyId": 2,  "Name": "Default"  }  ] | Filter: Only DeletedFlag = false  (All UserRole) |
| Get | /admin-api/UserRole/Company/26 |  | 200 | [  {  "Id": 4,  "CompanyId": 26,  "Name": "Default"  }  ] | Get all UserRole By Company Id |
| Get | /admin-api/UserRole/3 |  | 200 | {  "Id": 3,  "CompanyId": 2,  "Name": "Default"  } |  |
| 404 |  | ID不存在 |
| Post | /admin-api/UserRole | x-www-form-urlencoded  {  "CompanyId": "int",  "Name": "string"  } | 200 |  |  |
| 500 |  | 新增失敗 |
| 400 | Invalid data | 資料格式不符 |
| Put | /admin-api/UserRole/2 | x-www-form-urlencoded  {  "CompanyId": "int",  "Name": "string"  } | 200 |  |  |
| 404 |  | Id不存在 |
| 400 | Invalid data |  |
| 500 |  | 修改失敗 |
| Delete | /admin-api/Company/2 |  | 200 |  | DeleteFlag : false => true |
| 404 |  | Id不存在 |
| 500 |  | 刪除失敗 |

**Others**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Method** | **Uri** | **Input** | **Status** | **Output** | **Note** |
| Get | /Heartbeat |  | 200 | success | 確認Server狀態 |