API Documentation for
IE-Middleware-HAVVA

Prepared for
IE Digital

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1 Add Camera

API Name	API 1 < Add Camera > (IE to middleware)
Note	Register new camera
Endpoint Provider	Middleware
Method	Post
URL	middleware.kapitani.co/client/{clientId}/register
Header	Authorization
Content Type	application/json

Body-JSON	{
	
	    "cameraId": "<xxx>"
	
	    "note": "<xxx>"
	
	    "farmerId": "<xxx>"
	
	    "farmId": "<xxx>"
	
	    "vendorId": "<xxx>"
	
	}

Expected Response	{
	
	    "status": "<success/fail>"
	
	    "Id": "<xxx>"
	
	    "timeStamp": "<xxx>"
	
	}

2 List Camera

API Name	API 2 < List Camera > (IE to middleware)
Note	Get all registered camera
Endpoint Provider	Middleware
Method	Get
URL	middleware.kapitani.co/client/{clientId}/device-list
Header	Authorization
Content Type	application/json

Body-JSON	{
	
	    "farmerId": "<xxx>"
	
	    "farmId": "<xxx>"
	
	    "vendorId": "<xxx>"
	
	}

Expected Response	{
	
	    "cameraId": "<xxx>"
	
	    "note": "<xxx>"
	
	    "cameraStatus": "<xxx>"
	
	    "cameraQuality": "<xxx>"
	
	    "recommendedActivity": "<xxx>"
	
	    "id": "<xxx>"
	
	}

3   Edit Camera

API Name	API 3 < Edit Camera > (IE to middleware)
Note	Edit existing camera info
Endpoint Provider	Middleware
Method	Patch
URL	middleware.kapitani.co/client/{clientId}/edit
Header	Authorization
Content Type	application/json

Body-JSON	{
	
	        "cameraId": "<xxx>"
	
	        "note": "<xxx>"
	
	        "farmerId": "<xxx>"
	
	        "farmId": "<xxx>"
	
	        "vendorId": "<xxx>"
	
	        "id": "<xxx>"
	
	}

Expected Response	{
	
	        "status": "<success/fail>"
	
	}

4 Delete Camera

API Name	API 4 < Delete Camera > (IE to middleware)
Note	Delete registered camera
Endpoint Provider	Middleware
Method	Delete
URL	middleware.kapitani.co/client/{clientId}/delete
Header	Authorization
Content Type	application/json

Body-JSON	{
	
	    "farmerId": "<xxx>"
	
	    "farmId": "<xxx>"
	
	    "vendorId": "<xxx>"
	
	    "id": "<xxx>"
	
	}

Expected Response	{
	
	    "status": "<success/fail>"
	
	}

5 Analysis History

API Name	API 5 < Analysis History > (IE to middleware)
Note	Get analysis history
Endpoint Provider	Middleware
Method	Get
URL	middleware.kapitani.co/client/{clientId}/analysis-history
Header	Authorization
Content Type	application/json

Body-JSON	{
	
	    "cameraId": "<xxx>"
	
	    "timeStamp": "<xxx>"
	
	    "recommendedActivity": "<xxx>"
	
	    "farmerId": "<xxx>"
	
	    "farmId": "<xxx>"
	
	    "vendorId": "<xxx>"
	
	}

Expected Response	{
	
	    "status": "<success/fail>"
	
	}

6 Detail Analysis

API Name	API 6 < Detail Analysis > (IE to middleware)
Note	Get detail analysis
Endpoint Provider	Middleware
Method	Get
URL	middleware.kapitani.co/client/{clientId}/detail-analysis
Header	Authorization
Content Type	application/json

Body-JSON	{
	
	    "farmerId": "<xxx>"
	
	    "farmId": "<xxx>"
	
	    "vendorId": "<xxx>"
	
	    "id": "<xxx>"
	
	}

Expected Response	{
	
	    "cameraId": "<xxx>"
	
	    "timeStamp": "<xxx>"
	
	    "leafDamage": "<xxx>"
	
	    "diseaseSpreadRate": "<xxx>"
	
	    "plantHeightVariation": "<xxx>"
	
	    "leafColorDeviation": "<xxx>"
	
	    "growtRateReduction": "<xxx>"
	
	    "recommendedActivity": "<xxx>"
	
	    "image": "<xxx>"
	
	}

7 Upload Image

API Name	API 7 < Upload Image > (IE to middleware)
Note	User upload image
Endpoint Provider	Middleware
Method	Post
URL	middleware.kapitani.co/client/{clientId}/upload-image
Header	Authorization
Content Type	Multipart

Body-JSON	{
	
	    "farmerId": "\<xxx>"
	
	    "farmId": "\<xxx>"
	
	    "vendorId": "\<xxx>"
	
	    "image": "\<xxx>"
	
	}

Expected Response	{
	
	    "status": "\<xxx>"
	
	    "timeStamp": "\<xxx>"
	
	    "id": "\<xxx>"
	
	}