

## 10.4 API Testing - Request & Response

We will demonstrate an example HTTP method calls to `/getAllSurveyRecord` and display the response code and JSON response. All calls will be made using curl.

Token (JWT)

Endpoint

```
rishi@X1Ext-are:/mnt/c/Users/rishi$ curl -X POST \
> --url https://api.hktrereach.org/getAllSurveyRecord \
--header 'Cookie: accessToken=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJyZWxzZD29yZC16IGFieMzQ1NiIsImkiOiJxLmkiLC12YVtFTmFtZSI6Imxlb0BxcS5jb20iLC1eHAiOjE2ODU0MjU5MzQzMm' \
--header 'Content-type: multipart/form-data' \
--header 'token: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiI1YzhRhZlUwMDU1NDAwMDGEZmYkZjc3LmkiLC12YVtFTmFtZSI6Imxlb0BxcS5jb20iLC1eHAiOjE2ODU0MjU5MzQzMm' \
--cookie accessToken=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJyZWxzZD29yZC16IGFieMzQ1NiIsImkiOiJxLmkiLC12YVtFTmFtZSI6Imxlb0BxcS5jb20iLC1eHAiOjE2ODU0MjU5MzQzMm' \
--form roleId=10
{"data":[{"amenityValue":2,"chineseName":"秋楓","commonName":"Autumn Maple","createTime":1685253578000,"crownSpread":35.00,"dangerousTree":0,"district":"","Central","Fa","nativeExotic":2,"nextInspectionDate":1685577600000,"recommendation":{"Transplant","roleType":4,"scientificName":"Bischofia javanica","status":9,"stemCircumference":els-area-hong-kong-island-trees-widespread-throughout-known-49654535.jpg"},"userId":73,"amenityValue":3,"chineseName":"柱狀南洋杉","commonName":"Cook Pine","createT","latitude":"039333","location":"18號 Harcourt Rd, Central","longitude":"323232","nativeExotic":2,"nextInspectionDate":1685577600000,"recommendation":{"Transplant","ploadImg":["hong-kong-orchid-tree.jpg"],"userId":73,"amenityValue":2,"chineseName":"柱狀南洋杉","commonName":"Cook Pine","createTime":1685258660000,"crownSpread":35號 Harcourt Rd, Central","longitude":"323232","nativeExotic":2,"nextInspectionDate":1686787200000,"recommendation":{"Transplant","roleType":4,"scientificName":"Arauc-Kong-1.jpg,ffa5879ebf7322761b2511f5a56Ba91b_XL.jpg"},"userId":73,"amenityValue":4,"chineseName":"假檳榔","commonName":"Alexandra Palm","createTime":16852589490033","location":"18號 Harcourt Rd, Central","longitude":"323232","nativeExotic":2,"nextInspectionDate":1685577600000,"recommendation":{"Transplant","roleType":4,"scie-large-banyan-tree-growing-against-wall-mid-levels-area-hong-kong-island-trees-widespread-throughout-known-49654535.jpg"},"userId":73,"amenityValue":4,"chineseName":ealth":1,"healthTag":"","height":25.00,"id":61,"latitude":"039333","location":"18號 Harcourt Rd, Central","longitude":"323232","nativeExotic":2,"nextInspectionDate":valuable"},"updateTime":1685258924000,"uploadImg":["large-banyan-tree-growing-against-wall-mid-levels-area-hong-kong-island-trees-widespread-throughout-known-49654ree":"","district":"Central","family":"ARAUARIACEAE","health":1,"healthTag":"","height":25.00,"id":62,"latitude":"039333","location":"18號 Harcourt Rd, Central","lon","status":2,"stemCircumference":49.00,"treeType":["Stone wall"]},"updateTime":1685260163000,"uploadImg":["large-banyan-tree-growing-against-wall-mid-levels-area-eate-time":1685260904000,"crownSpread":35.00,"dangerousTree":0,"district":"","Admiralty","family":"ARAUARIACEAE","health":1,"healthTag":"","height":25.00,"id":65,"lat
```

### Json Response

### Summary of average pass/fail after 10 iterations

Method	Endpoint	Request Body	Status Code Assertion	Status Code Response	Assertion Result Pass/Fail
GET	/getAllFamilyList	nil	200	200	PASS
GET	/getCommonAndScientificNameList	nil	200	200	PASS
POST	/getAllSurveyRecord	roleId	401	401	PASS
POST	/getSurveyRecordByUserId	userId	200	200	PASS
DELETE	/delUser	userId	200	200	PASS