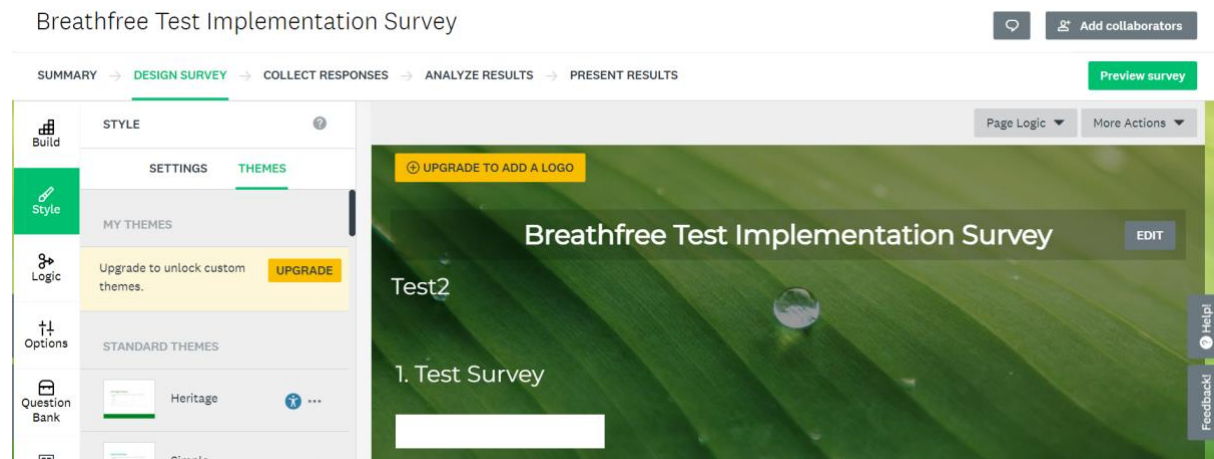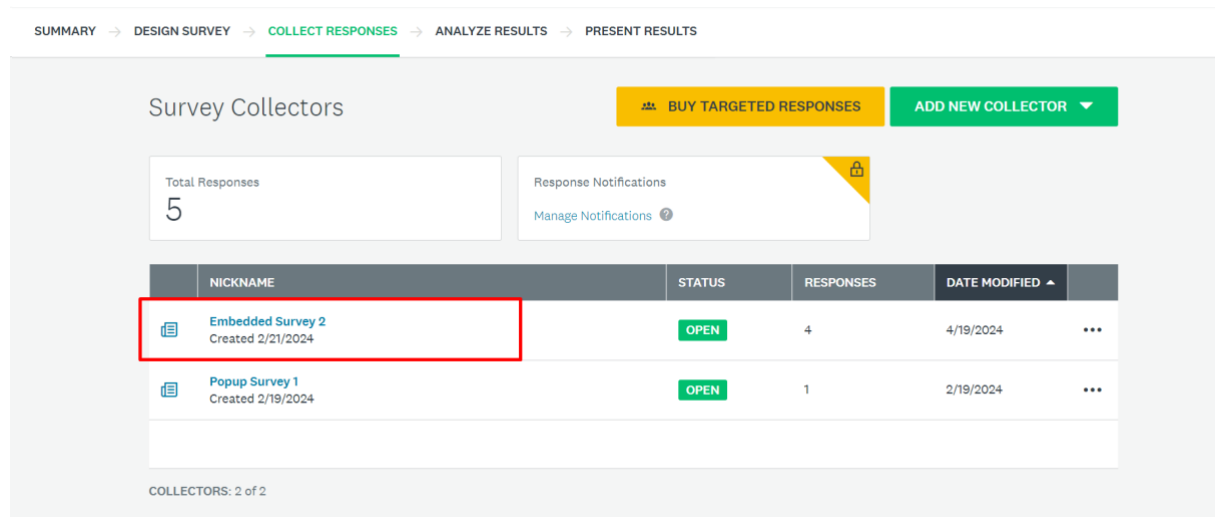# SurveyMonkey Implementation to create survey data using API:

- Login to 'https://www.surveymonkey.com/' and design a survey as per your requirements.
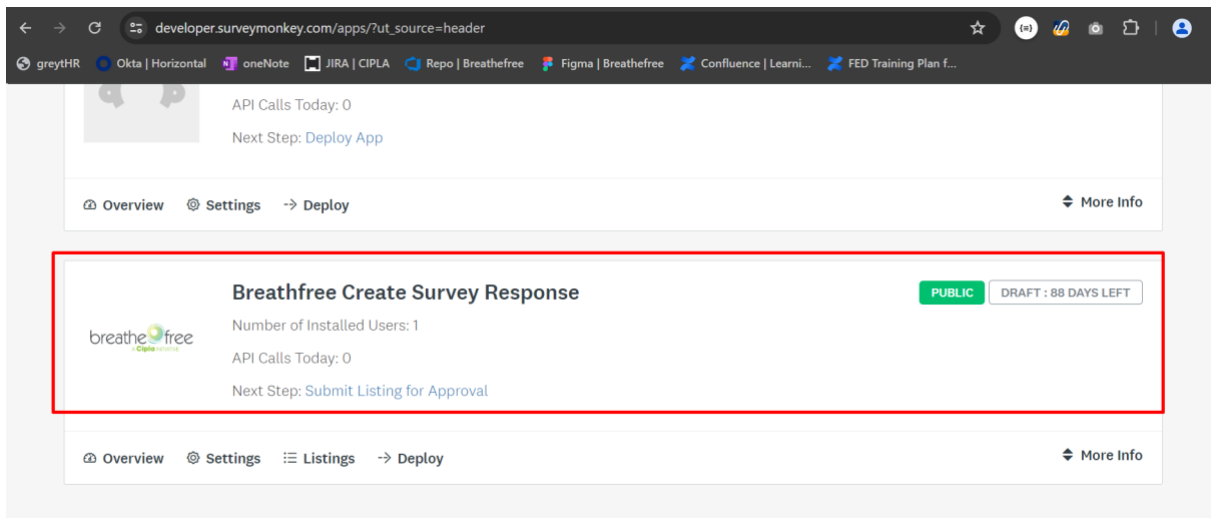
I have created the below test survey :

- Add collector to your survey to get the embedded code to integrate it with your NextJs application

- Login to 'https://developer.surveymonkey.com/' and create an application for authorization purpose:

- Check the settings and request the scopes as in below screenshot:

Breathfree Create Survey Response

OVERVIEW   **SETTINGS**   LISTINGS

Deploy

Settings

App Nickname

Breathfree Create Survey Response

App Creator

vodine6542@seosnaps.com

OAuth Redirect URL

https://www.surveymonkey.com/summary/cdrYYemKOGL_2BCslifsyMnmxVj7m2LXTCLCMY3m8fZTY_3D?tab_clicked=1

Add Additional Redirect URL

Delete App   Test OAuth Flow   Submit Changes

Credentials   🔄 REFRESH CLIENT

Client ID

wNjcH9jrQsSYZ9LhQqg2Xg

Secret

••••••••••••   👁

Access Token

Jgs58bgn6LEgtZSr3UBAZvxzlvEMjy9H5WmXHToLm2p1w-uvF9A--kyAxraTRWNUgr06v3D-95bBgz-ZRV20d0YaEllRuN.lj1r8wL4w3eFfG3fTgwzO77rCH9LGeZlR

Quota Limits

500 / day : 120 / minute

Daily Quota Usage   0 / 500

Scopes

Set the scope requirements for your application. Scopes allow your application to access resources on behalf of users. If a scope is required, users must approve it for OAuth to succeed. If a scope is optional, users do not need to approve it for OAuth to succeed, but your application will not be able to access resources controlled by scopes that aren't approved. If your application uses scopes that require a paid SurveyMonkey plan, users will need a paid plan to use your application. Read more about scopes.

NOTE: Changes made to the scope will be immediately applied to the access token shown above in the credentials section. For your application users, they will need to re-authenticate to access new scopes.

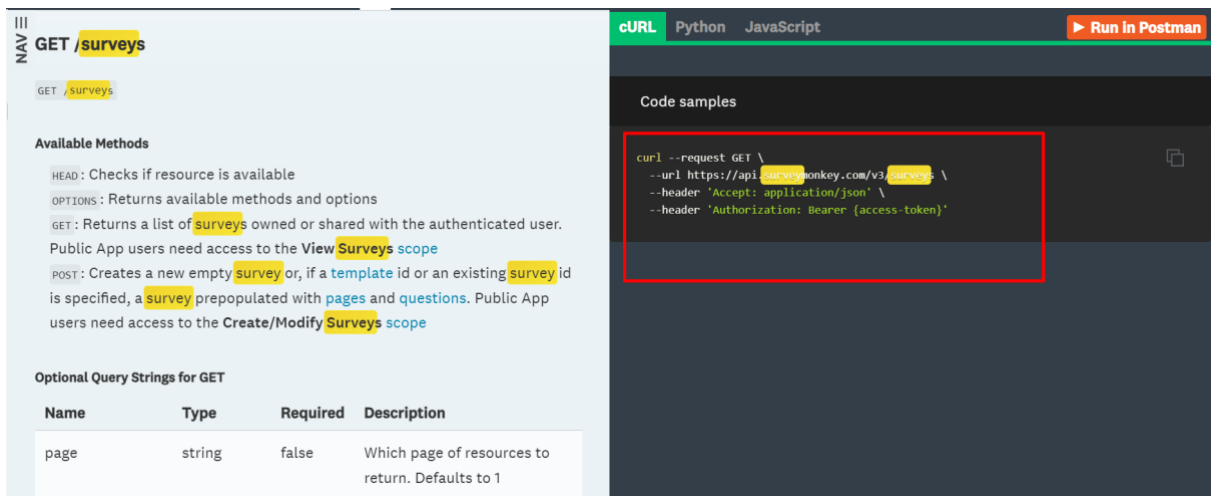| 🔒 | **Create/Modify Surveys** | Required | 🔒 | **View Surveys** | Required |
🔒	**Create/Modify Collectors**	Required	🔒	**View Collectors**	Required
🔒	**Create/Modify Responses**	Required	🔒	**View Responses**	Required
🔒	**View Response Details**	Required	🔒	**Create/Modify Contacts**	Required
🔒	**View Contacts**	Required	🔒	**View Users**	Required
🚫	View Groups	Not Requested	🚫	Modify Groups	Not Requested
🚫	View Workgroups	Not Requested	🚫	Create/Modify Workgroups	Not Requested
🚫	View Workgroup Members	Not Requested	🚫	Create/Modify Workgroup Members	Not Requested
🚫	View Roles	Not Requested	🚫	Create/Modify Roles	Not Requested
🚫	View Workgroups Shared Resources	Not Requested	🚫	Create/Modify Workgroups Shared Resources	Not Requested
🚫	Create/Modify Webhooks	Not Requested	🚫	View Webhooks	Not Requested
🚫	View Library Assets	Not Requested			Update Scopes

- Now You can simply refer this developer documentation to call the api endpoints as per requirements:
  'https://developer.surveymonkey.com/api/v3/?ut_source=header#SurveyMonkey-Api'

Steps to create a response using SurveyMonkey API:

1. Get Survey to list all the surveys in your application:

   (Use the '{access-token}' from the above application settings)
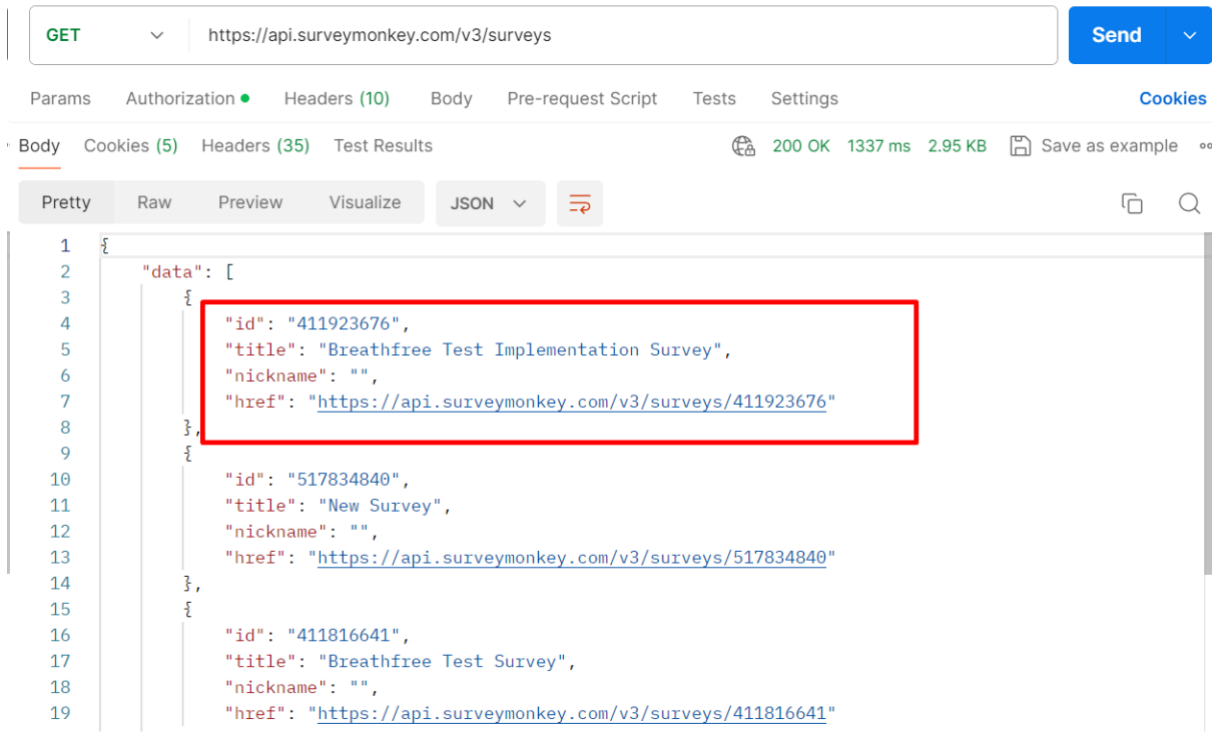

   "curl --request GET \

    --url https://api.surveymonkey.com/v3/surveys \

    --header 'Accept: application/json' \

    --header 'Authorization: Bearer {access-token}'"

RESPONSE:

Here you can get the Survey list with their id's in response Json.

2. Get survey collectors using survey id:
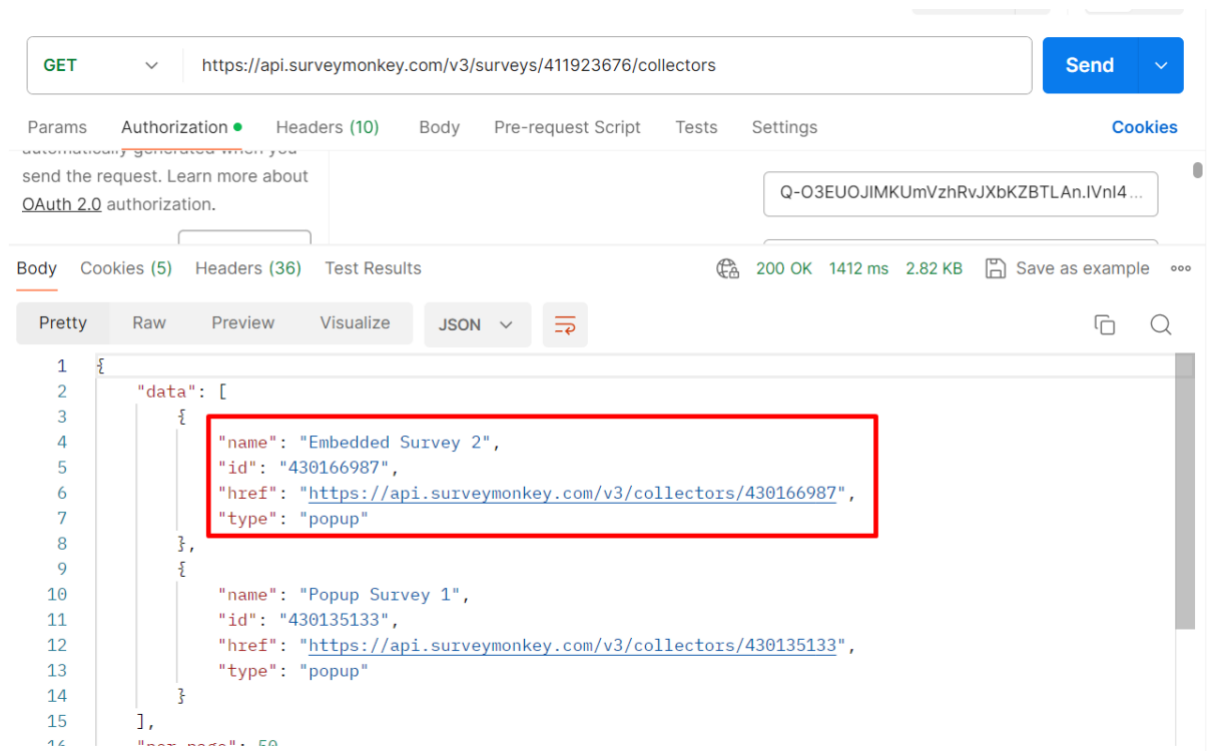
RESPONSE:

We can get the collector id's from the response.

3. Get Demo response to get the Form field id's and response structure:
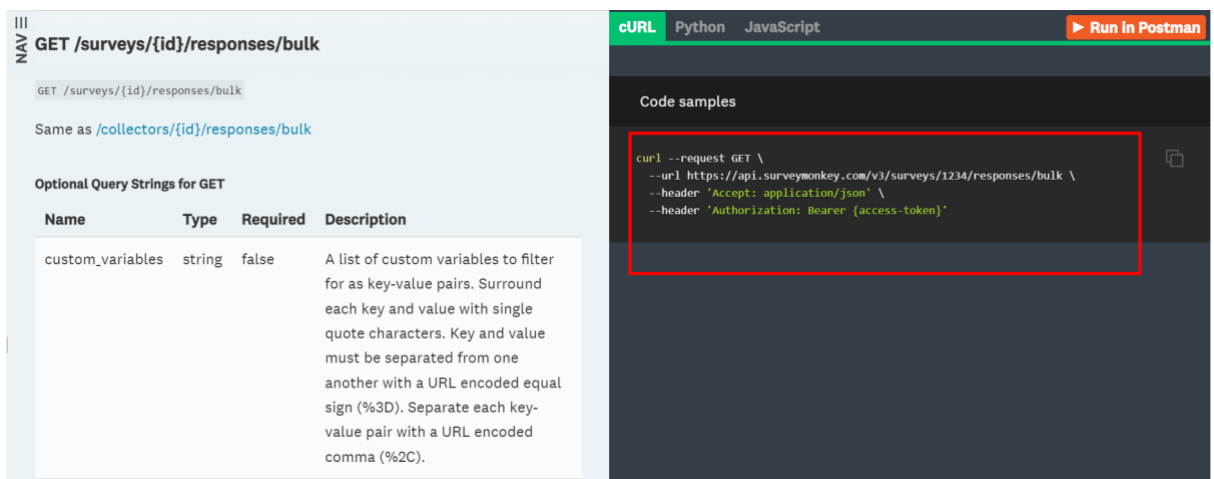
RESPONSE:
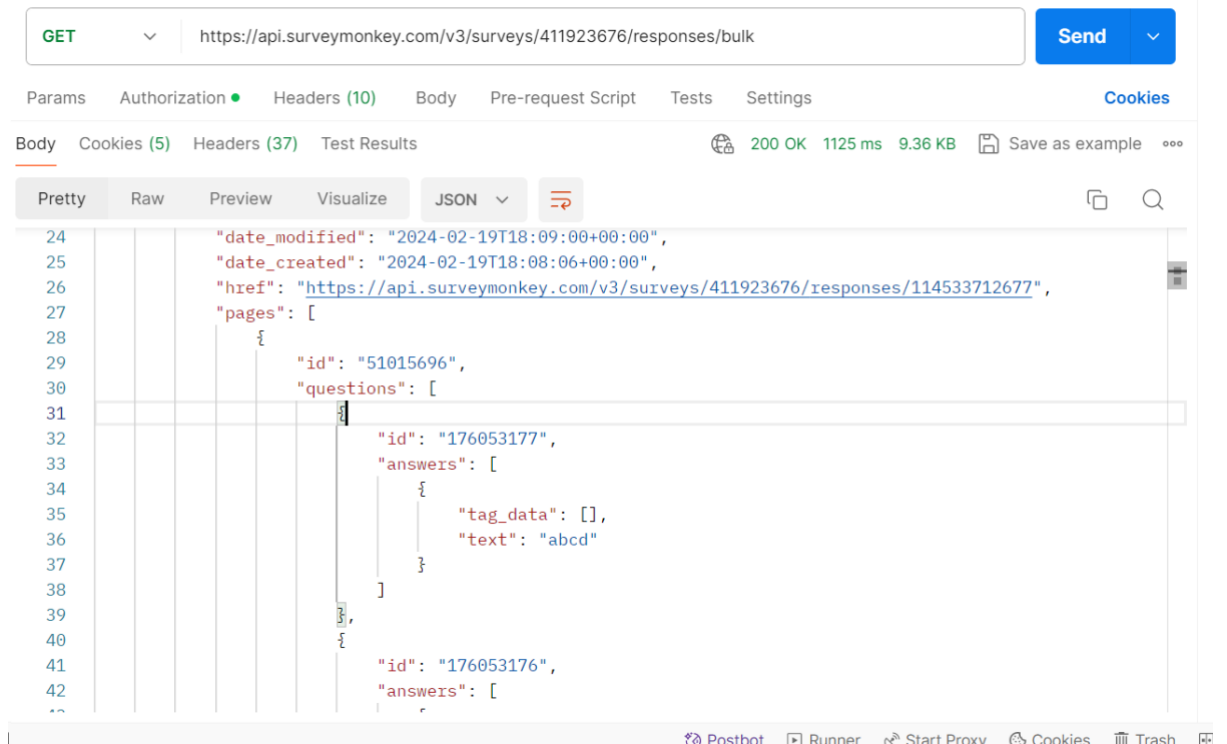
Get the Response structure and "pages" array to get the response structure including respective Question and answer ids with data. Refer Example Structure:

```
""pages": [

    {
        "id": "51015696",
        "questions": [
          {
            "answers": [
              {
                "choice_id": "1279898337"
              }
            ],
            "id": "176053176"
          },
          {
            "answers": [
              {
                "text": "lets check the functionality via postman"
              }
            ],
            "id": "176053178"
          }
        ]
    }
  ]
"
```

4. Create the response using collector id:

POST /collectors/{id}/responses

`POST /collectors/{id}/responses`

Request Body for POST /collectors/{id}/responses

Name	Type	Required	Description
custom_variables	object	false	Values to any available custom variables in the survey
custom_value	string	false	A custom value to attach to the response for a weblink collector
date_created	DateString	false	Date the response was created
response_status	string	false	Status of the response: `completed`, `partial`, `overquota`, `disqualified`

Code samples

```
curl --request POST \
  --url https://api.surveymonkey.com/v3/collectors/1234/responses \
  --header 'Accept: application/json' \
  --header 'Authorization: Bearer {access-token}' \
  --header 'Content-Type: application/json' \
  --data '{"custom_variables":{},"custom_value":"","date_created":"2015-12-28T21:57:14+00:
```

Body parameter

```
{
  "custom_variables": {},
  "custom_value": "",
  "date_created": "2015-12-28T21:57:14+00:00",
  "response_status": "completed",
  "ip_address": "",
```

Response :

POST https://api.surveymonkey.com/v3/collectors/430166987/responses   **Send**

Params   Authorization ●   Headers (12)   Body ●   Pre-request Script   Tests   Settings   Cookie

○ none   ○ form-data   ○ x-www-form-urlencoded   ● raw   ○ binary   ○ GraphQL   JSON ∨   Beautify

```
1  {
2    "pages": [
3      {
4        "id": "51015696",
5        "questions": [
6          {
7            "answers": [
8              {
                 "choice_id": "1279898337"
```

Body   Cookies (5)   Headers (33)   Test Results   201 Created   1876 ms   3.37 KB   Save as example

Pretty   Raw   Preview   Visualize   JSON ∨

```
1  {
2      "id": "114582792660",
3      "recipient_id": "",
4      "collection_mode": "default",
5      "response_status": "completed",
6      "custom_value": "",
7      "first_name": "",
8      "last_name": ""
```

Response code 201 predicts that the response data is inserted successfully. You can check survey monkey portal to analyze results.

NOTE:
Refer the example Json schema to pass in body parameter while posting the API call(pass the required parameters like **page_id, question_id and choice_id** before posting the data):

Example-json.json