

POST		localhost:8080/create-survey				
Params	Auth	Headers (8)	Body	Pre-req.	Tests	Settings
<input checked="" type="checkbox"/>	Postman-Token		<calculated when request is sent>			
<input checked="" type="checkbox"/>	Content-Length		0			
<input checked="" type="checkbox"/>	Host		<calculated when request is sent>			
<input checked="" type="checkbox"/>	User-Agent		PostmanRuntime/7.28.0			
<input checked="" type="checkbox"/>	Accept		*/*			
<input checked="" type="checkbox"/>	Accept-Encoding		gzip, deflate, br			
<input checked="" type="checkbox"/>	Connection		keep-alive			
<input checked="" type="checkbox"/>	Authorization		Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpzZW50L3MudDI9ImF1dG8iLCJ1aW50IjoiZm9udC84CmZ7Zkxvfi6Q0vsOl			
	Key					

- It is a POST request and require json to be passed in the request body which contains details about the survey like surveyId, and questions inorder to create the survey.

```
raw  JSON
1 {
2   .... "surveyId": "sur1",
3   .... "questions": [
4     .... "Are you studying in college?",
5     .... "Are you an engineering student?"
6   ]
7 }
```

- It will create an entry in the Surveys table using SQL which has a single column “surveyId” and “Questions” table which will be having all the questions of the survey. “Questions” table contains surveyId, question column.

b. Take a Survey (/take-survey):-

- It is also a protected endpoint. It is a POST request which requires a json which contains the surveyId you want to take and a list of answers like below:-

```
POST localhost:8080/take-survey
Params Auth Headers (9) Body Pre-req. Tests
raw JSON
1 {
2   .... "surveyId": "sur1",
3   .... "answers": [
4     .... "true",
5     .... "true"
6   ]
7 }
```

- It will return a json containing message which will tell you about status of your response to the survey.

```
1 {
2   "message": "Response recorded for survey with Id sur1"
3 }
```

- This message tells that your response has been recorded.

c. Results of a Survey (/results/{surveyId}):-

- It is also a protected endpoint. We can see the result of each survey by passing the surveyId into the url. e.g :-

```
GET localhost:8080/results/sur1
```

- It is a GET request which will return a json containing the result of the survey. e.g:-

```
1  [
2    "result": {
3      "Are you studying in college?": {
4        "Number of true responses": 1,
5        "Number of false responses": 0
6      },
7      "Are you an engineering student?": {
8        "Number of true responses": 1,
9        "Number of false responses": 0
10     }
11   }
12 ]
```

d. See all the Surveys (/survey):-

- It is also a protected endpoint and, we can access it like:-

GET localhost:8080/survey

- It is a GET request which will return a json containing the list of all the surveys created till now.

```
1  [
2    {
3      "questions": [
4        "Are you male?",
5        "Are you an adult?"
6      ],
7      "surveyId": "survey1"
8    },
9    {
10     "questions": [
11       "Are you studying in college?",
12       "Are you an engineering student?"
13     ],
14     "surveyId": "sur1"
15   }
16 ]
```

3. Image Thumbnail generation endpoint:-

- It is also a protected endpoint. It is a POST request and require json which will be containing the public url of the image.

POST localhost:8080/generate-thumbnail

Params Auth Headers (9) Body Pre-req. Tests Settings

raw JSON

```
1  {
2    "url": "https://www.dropbox.com/s/lhth88f43n1mrif/WallpaperDog-5456364.jpg?dl=0"
3  }
```

- It will return a json response containing the url of the thumbnail.

```
1  {
2    "url": "http://localhost:8080/thumbnails/xyz_thumbnail.jpg"
3  }
```