

## COVID-19 Information Website API Documentation

The COVID-19 Information Website API is a simple API organized around REST.

### Core Resources

#### safeAPI

This is an object that represents how many people are safe from COVID-19. There are two methods.

#### GET

This retrieves the total count of how many people are safe from COVID-19.. This calls AWS Gateway API which then calls the lambda function readSafeCount. The lambda function then accesses the DynamoDb safe table, and returns the count.

#### Sample Call

This is a simple GET call, and requires no body.

Test Example:

```
{
  "statusCode": 200,
  "body": {
    "Count": 85,
    "ScannedCount": 85
  },
  "headers": {
    "Access-Control-Allow-Origin": "*"
  }
}
```

#### POST

This posts the response from the safe button on the website each time the button is pressed. This calls AWS Gateway API which then calls the lambda function safeCount. The lambda function then accesses the DynamoDb safe table, and writes a new entry.

#### Sample Call

This POST call requires no body.

Test Example:

```
{
  "statusCode": 201,
  "body": "",
  "headers": {
    "Access-Control-Allow-Origin": "*"
  }
}
```