**Irish Holiday App**

**Created By:** Jake Walsh and Jordan Williams

**Links**

Swagger UI:<https://holiday-api.azurewebsites.net/swagger/index.html>

GitHub Repo: <https://github.com/JakeWalsh69/Holidays_API>

Raw Data: <https://holiday-api.azurewebsites.net/api/Holidays>

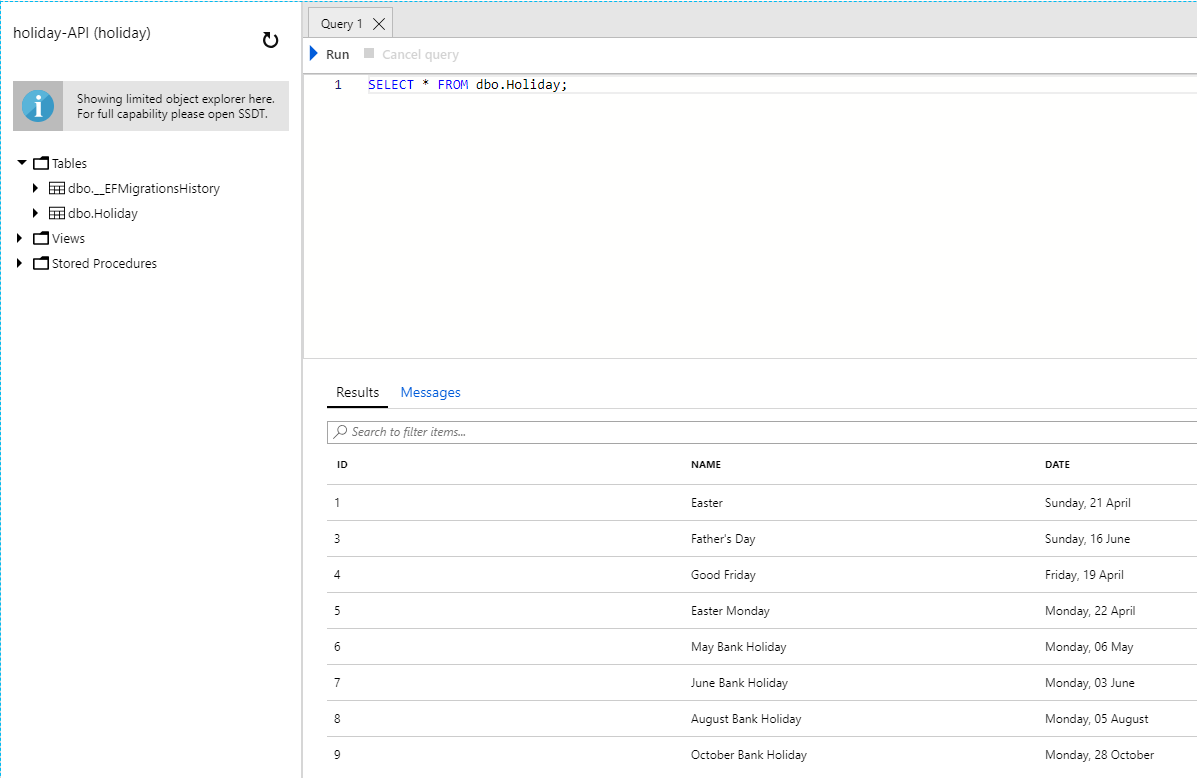
App Link: **TO BE ADDED**

Azure SQL DB Server Name: **holiday-api.database.windows.net**

**Overview**

This app uses a RESTful API to display Irish Holiday names and dates to the screen of an Android App. The backend API is coded in C# and is built using ASP.Net Core Entity Framework. The API utilizes a series of HTTP Requests to return data linked to endpoints such as: <https://holiday-api.azurewebsites.net/api/Holidays>. This link will output the raw JSON data pulled from the RESTful API using a GET Request. The database is deployed using Azure SQL Databases and can be accessed and queried by the admin as seen below:

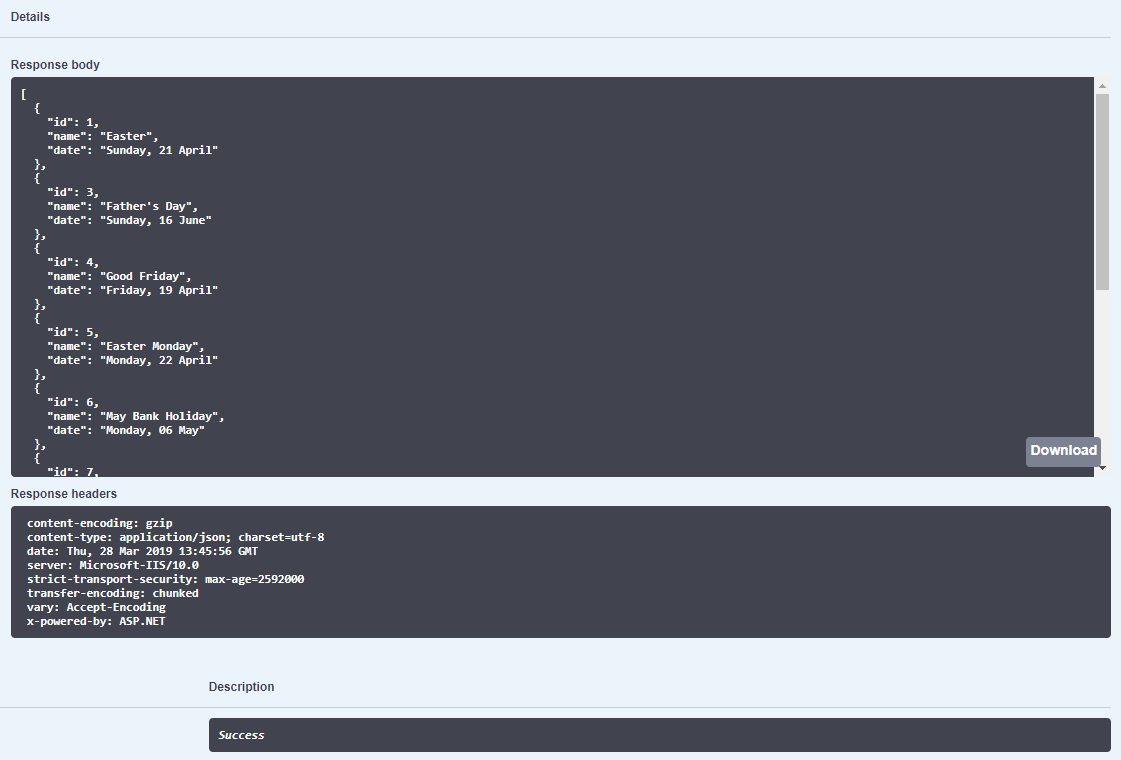
**Azure SQL Database**



The RESTful service can also be tested by using the Swagger UI Webpage that we have generated in the ASP.Net Core project. On this page we can perform a number of HTTP Requests and perform some manual testing of the API to ensure that it is working correctly. Below we can see an example of some HTTP Requests on the Swagger UI Webpage:

**Swagger UI Webpage**

**GET Request –** Returns all Holiday Data.



**GET Request –** Returns a Holiday Object based on a given ID (in this case 1).

